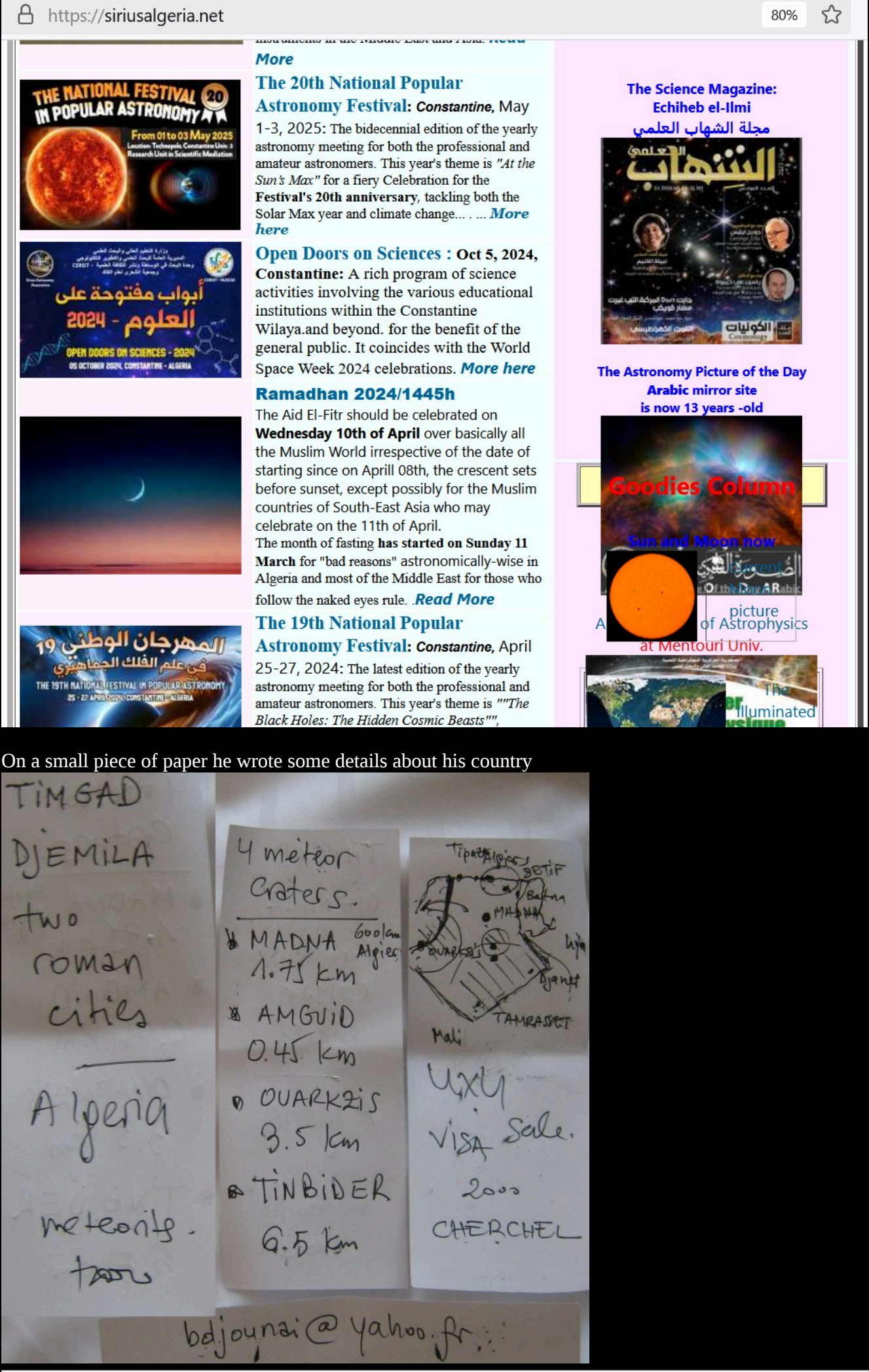
Algeria 2024

This speach beginns 11 years ago.... at the ESOP23. In Prague I meet Baba Aisa Djounai the first time.

ESOP XXXII
2014 AUGUST 29-31
PRAGUE
PLANETARIUM PRAHA
Planetárium Praha hostí ve dnech
29. 8. - 31. 8. 2014
Evropskou konferenci pozorovatelů zákrytů.
Ta se koná pravidelně v různých státech Evropy od r. 1981
a v Praze bude poprvé.
ESOP XXXIII, Prague
29th – 31st of August, 2014
Djounaï BABA AÏSSA
Algeria

Baba Aisa Djounai was a good ambassador for his country. I learned something about Algeria and its active astronomy community.



https://siriusalgeria.net

More

The 20th National Popular Astronomy Festival, **Constantine**, May 1-3, 2025: The biennial edition of the yearly astronomy meeting for both the professional and amateur astronomers. This year's theme is *"At the Sun's Max"* for a fiery Celebration for the **Festival's 20th anniversary**, tackling both the Solar Max year and climate change…… **More here**

Open Doors on Sciences : **Oct 5, 2024, Constantine:** A rich program of science activities involving the various educational institutions within the Constantine Wilaya and beyond, for the benefit of the general public. It coincides with the World Space Week 2024 celebrations. **More here**

Ramadhan 2024/1445h

The Aid El-Fitr should be celebrated on **Wednesday 10th of April** over basically all the Muslim World irrespective of the date of starting since on April 08th, the crescent sets before sunset, except possibly for the Muslim countries of South-East Asia who may celebrate on the 11th of April.

The month of fasting **has started on Sunday 11 March** for "bad reasons" astronomically-wise in Algeria and most of the Middle East for those who follow the naked eyes rule. **Read More**

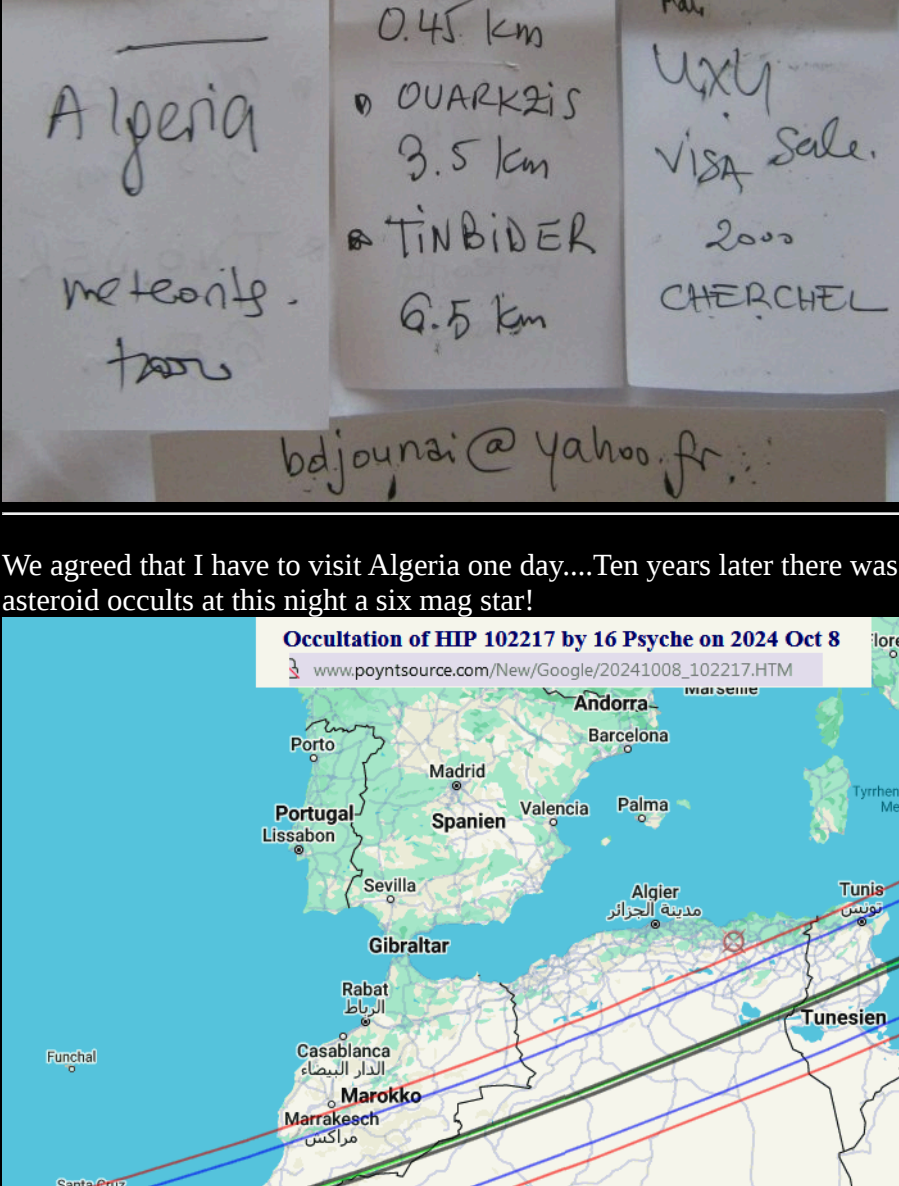
The 19th National Popular Astronomy Festival, **Constantine**, April 25-27, 2024: The latest edition of the yearly astronomy meeting for both the professional and amateur astronomers. This year's theme is *"The Black Holes: The Hidden Cosmic Beasts"*...

The Science Magazine: Echiheb el-Ilmi
مجلة الشهاب العلمي

The Astronomy Picture of the Day Arabic mirror site is now 13 years -old

picture of Astrophysics at Mentouri Univ.

On a small piece of paper he wrote some details about his country



TIMGAD
DJEMILA
two
roman
cities

Algeria

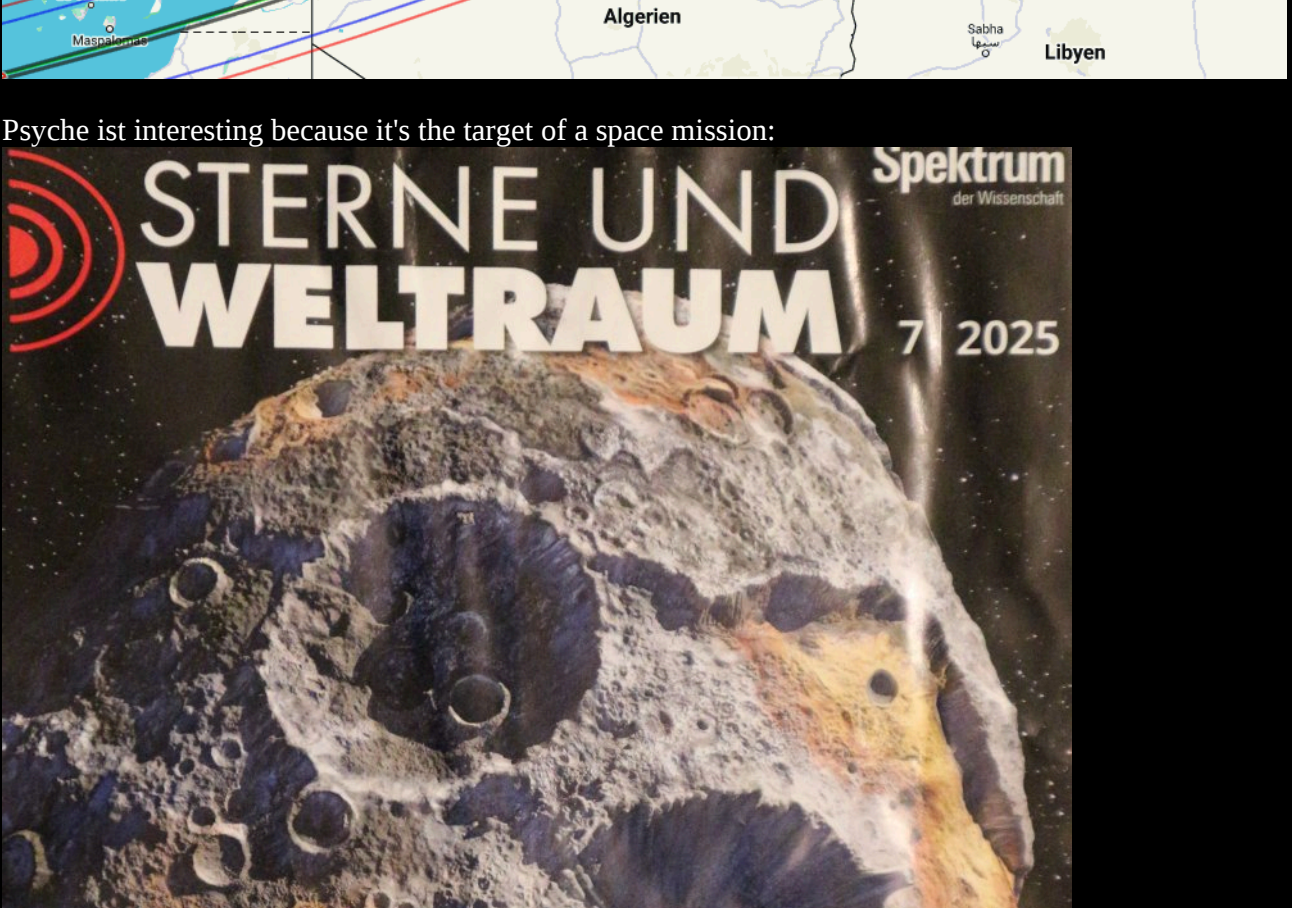
meteorits

4 meter Craters.
- MADNA 1.75 km
- AMGUID 0.45 km
- OUARKZIS 3.5 km
- TINBIDER 6.5 km

CHERCHEL

bdjounai@yahoo.fr

We agreed that I have to visit Algeria one day....Ten years later there was a good chance at a star occultation by the minor planet (16)Psyche at 8 October 2024. The asteroid occults at this night a six mag star!



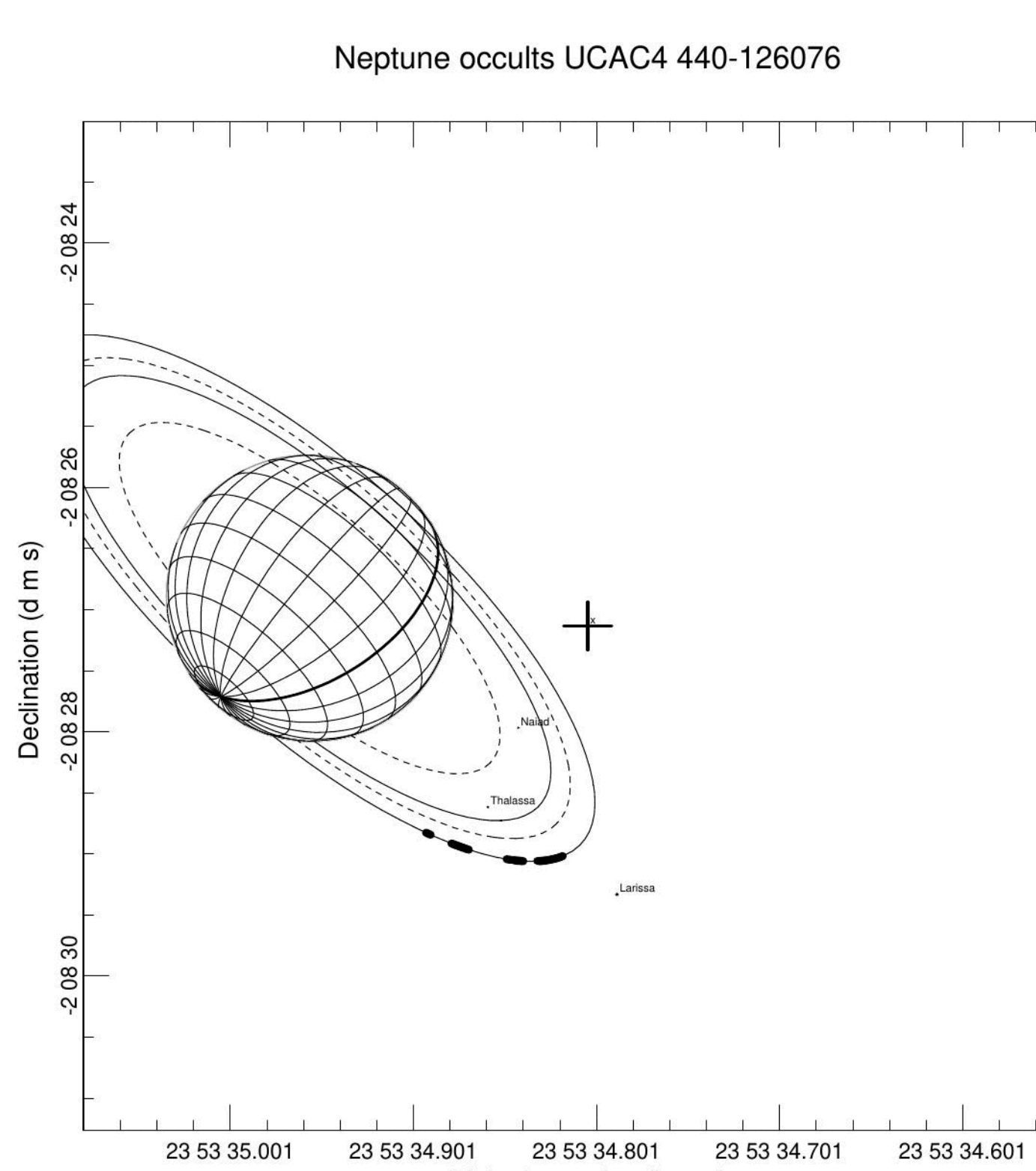
Occultation of HIP 102217 by 16 Psyche on 2024 Oct 8
www.poyntsource.com/New/Google/20241008_102217.HTM

Portugal
Spanien
Madrid
Italien
Algerien
Tunesien
Malta
Libyen
Marokko
Gibraltar

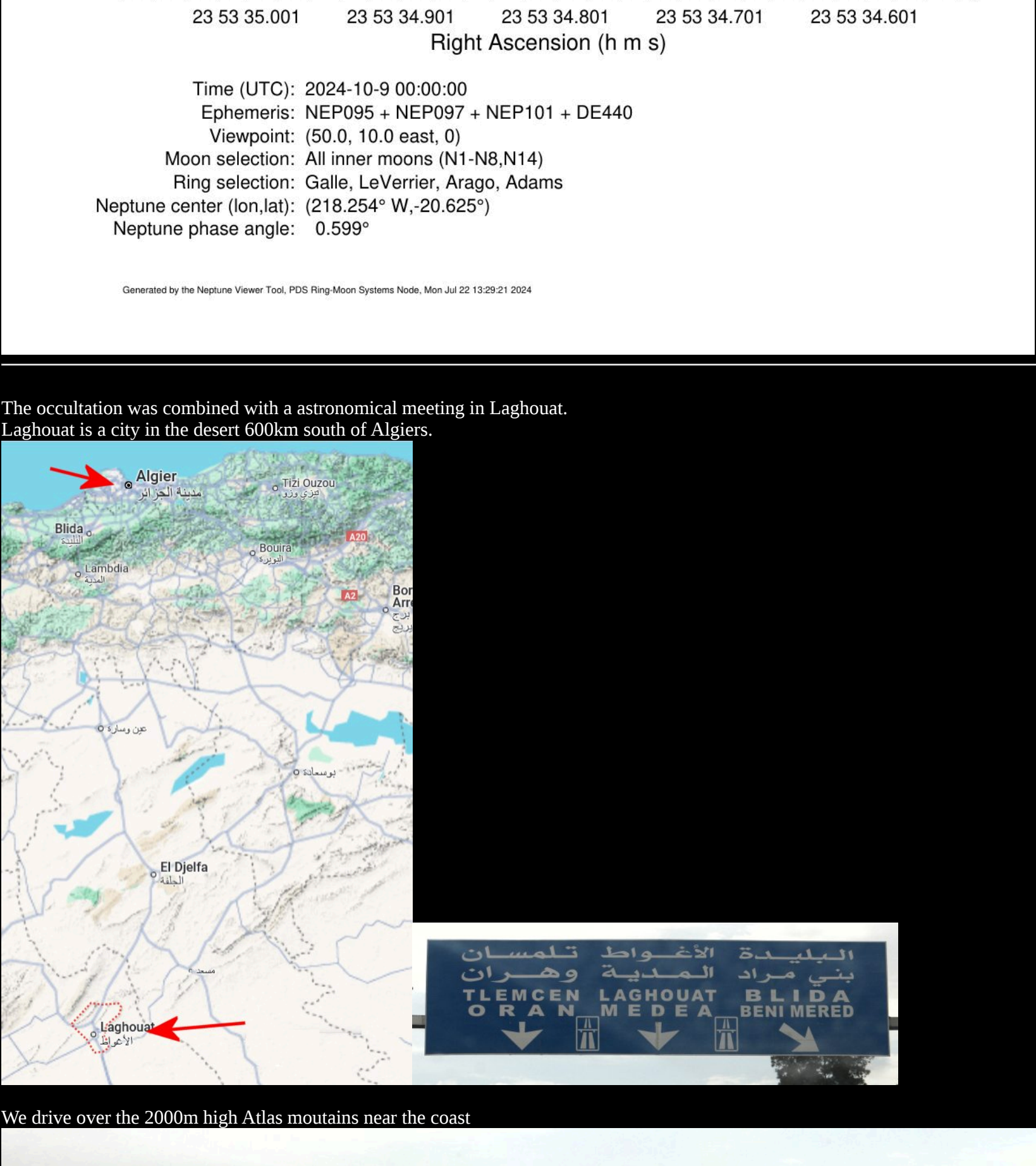
Psyche ist interesting because it's the target of a space mission:

STERNE UND WELTRAUM
Spektrum
7 2025
Asteroid Psyche
Ziel der NASA-Mission
T Coronae Borealis
Warten auf die Nova-Explosion
Gamma Ray Burst
Blitz mit einzigartigem Spektrum
Sommerhimmel
Streifzüge durch das Sternbild Schwan

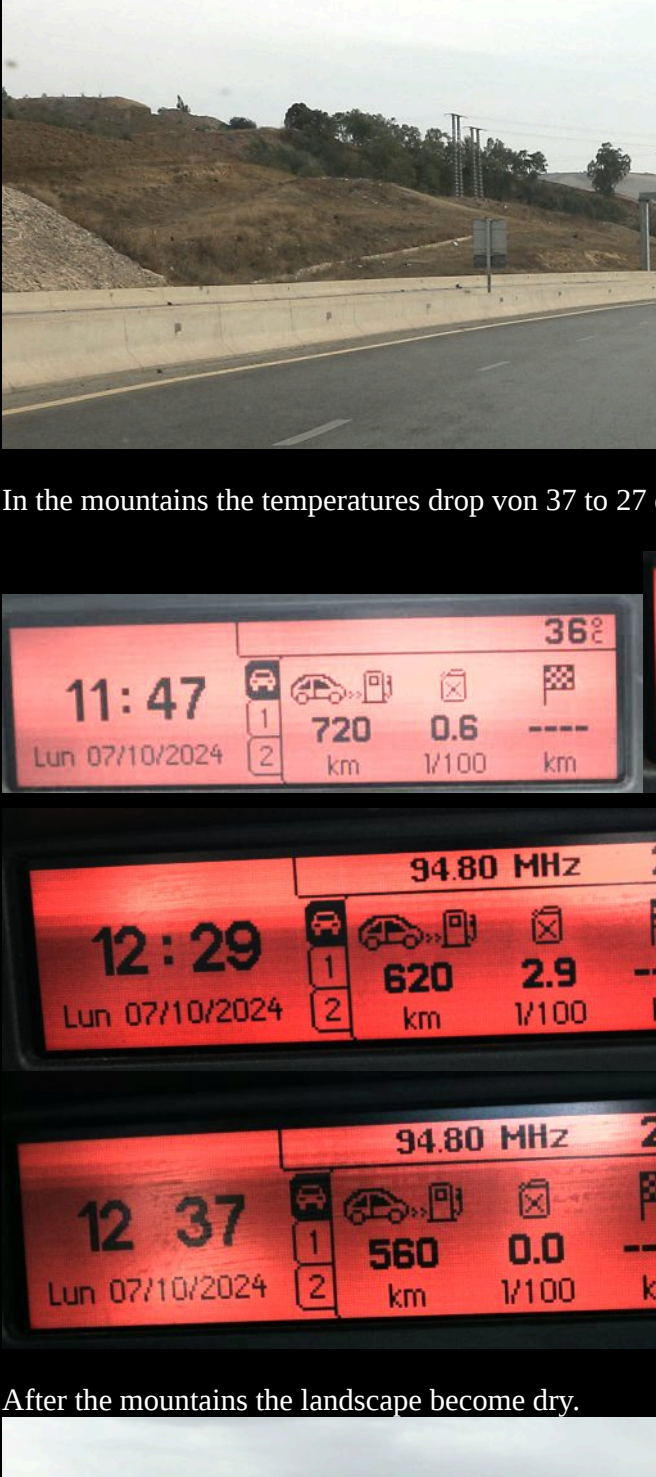
In the same night Neptune occults a 11mag star.



The cross is the position of the 11 mag star.

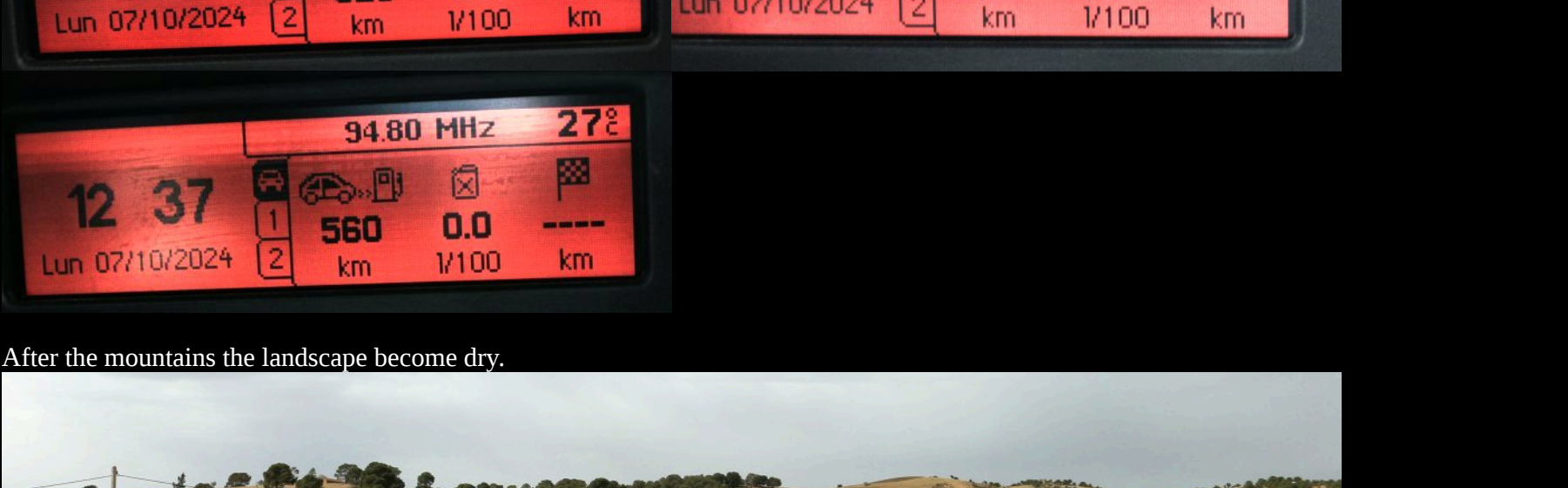


The occultation was combined with a astronomical meeting in Laghouat.
Laghouat is a city in the desert 600km south of Algiers.


Algier
Blida
El Djelfa
Laghouat

TLEMCEN LAGHOUAT BLIDA
ORAN MEDEA BENI MERED

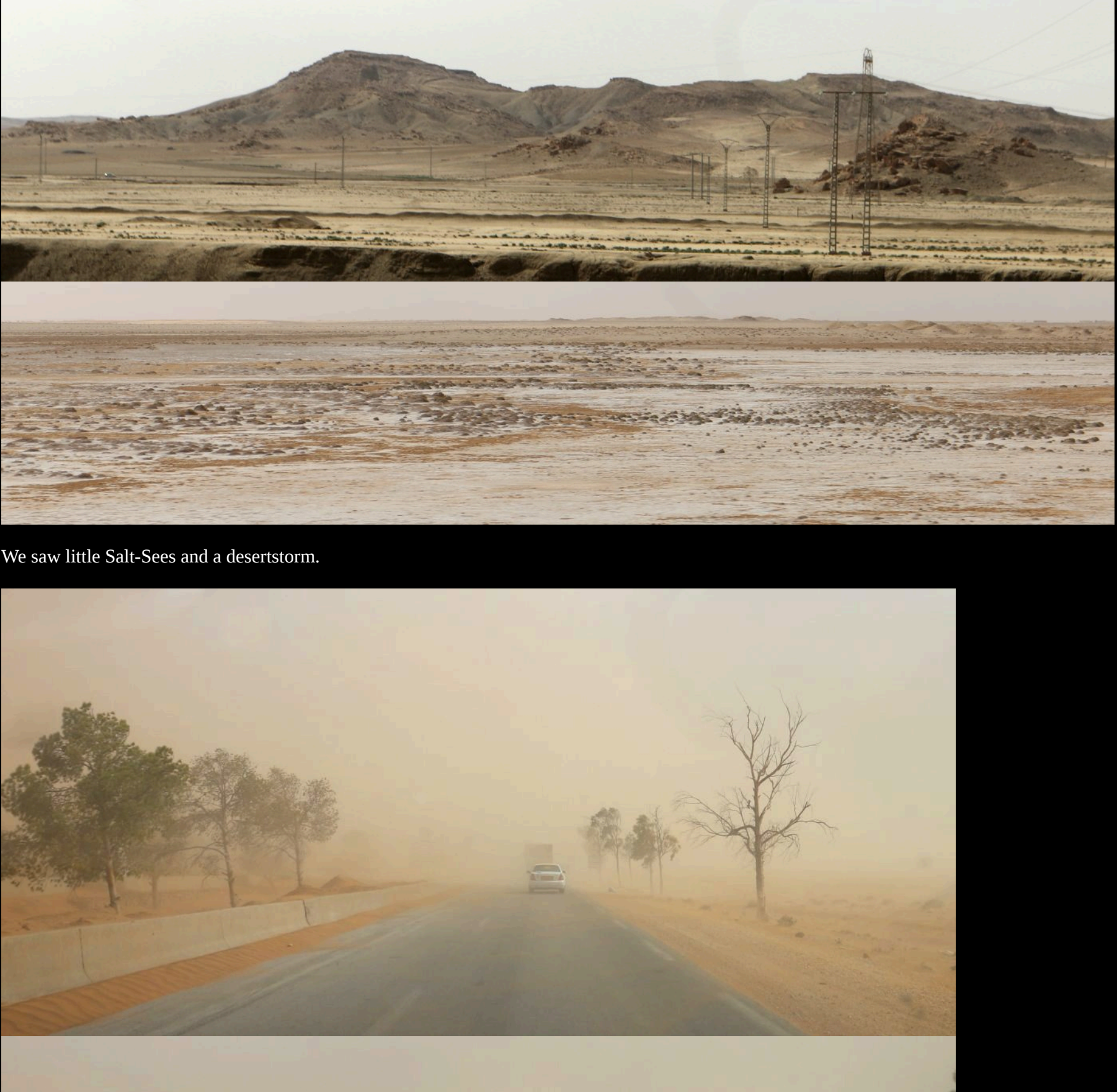
We drive over the 2000m high Atlas moutains near the coast



In the mountains the temperatures drop von 37 to 27 degree.

11:47
36°
12 22
31°
12:29
29°
12 33
28°
12 37
27°
Lun 07/10/2024
94.80 MHz

After the mountains the landscape become dry.



We saw little Salt-Sees and a desertstorm.

In Laghouat there was a friendly welcome.

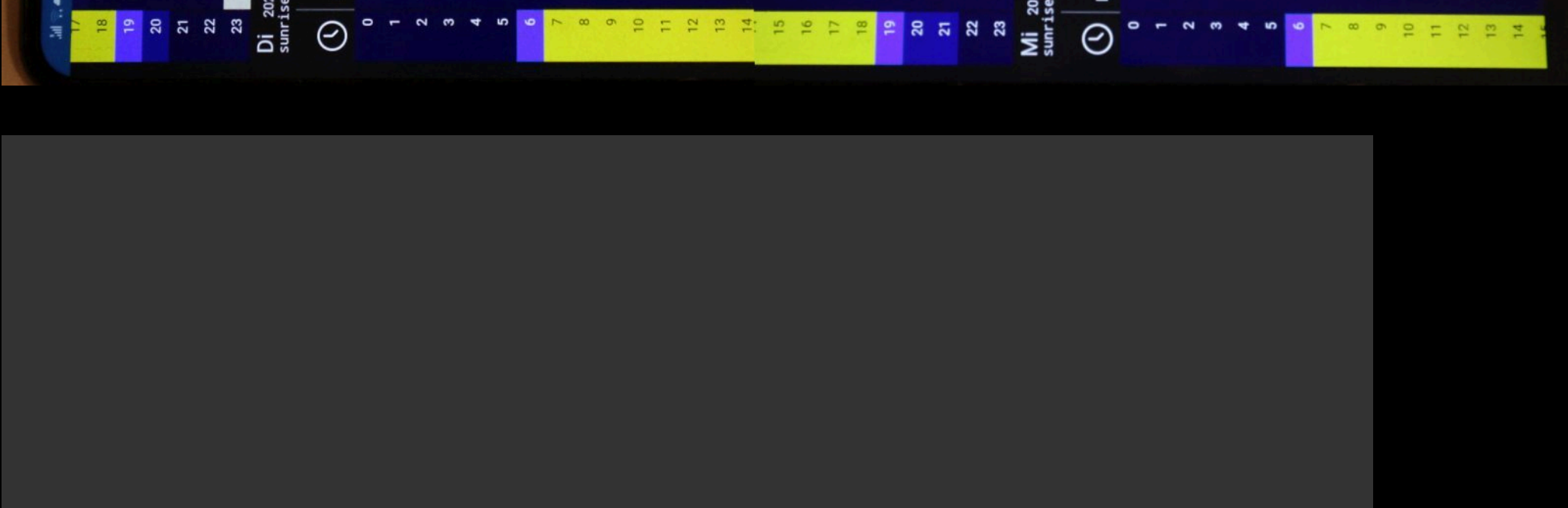
During a short tour of the conference building, a film was shown, among other things, reporting on the activities of Algerian amateur astronomers. Imparting knowledge to children is an important topic, but there are also observational excursions into the snow-covered mountains in winter.

قافلة الطفل العلمية

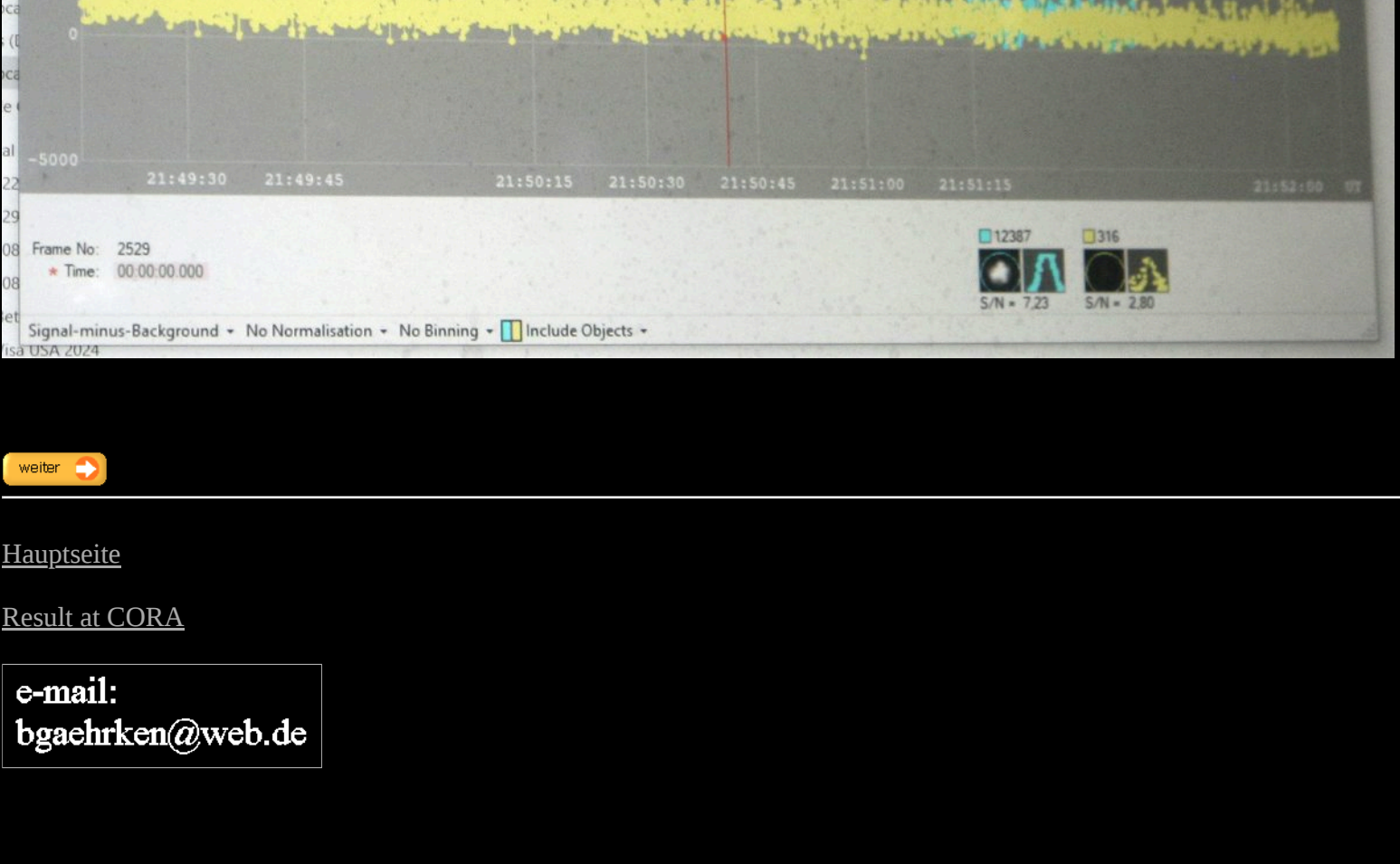
ASTRO-CAMP
A.S.A.L

Three group photos were taken to comment the result of the observation planned for the following day.

Unfortunately the weather was bad and the last picture presents the results :-(


Drakoniden
Psyche
Neptun

South of my position we had a positive result.



Hauptseite

Result at CORA

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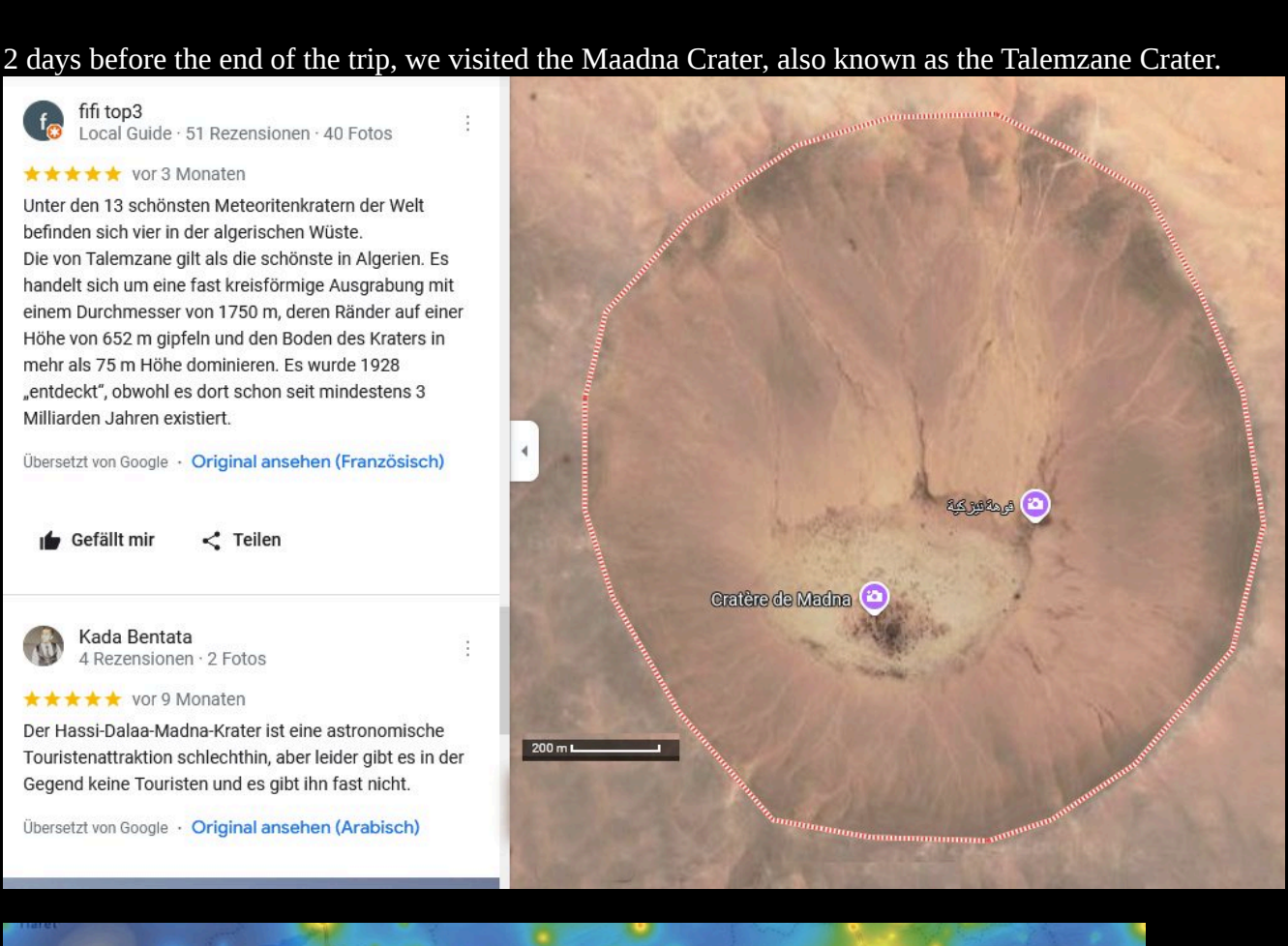
Algeria 2024 - Crater of Maadna

zurück

2 days before the end of the trip, we visited the Maadna Crater, also known as the Talemzane Crater.



fifi top3
Local Guide · 51 Rezensionen · 40 Fotos
★★★★★ vor 3 Monaten

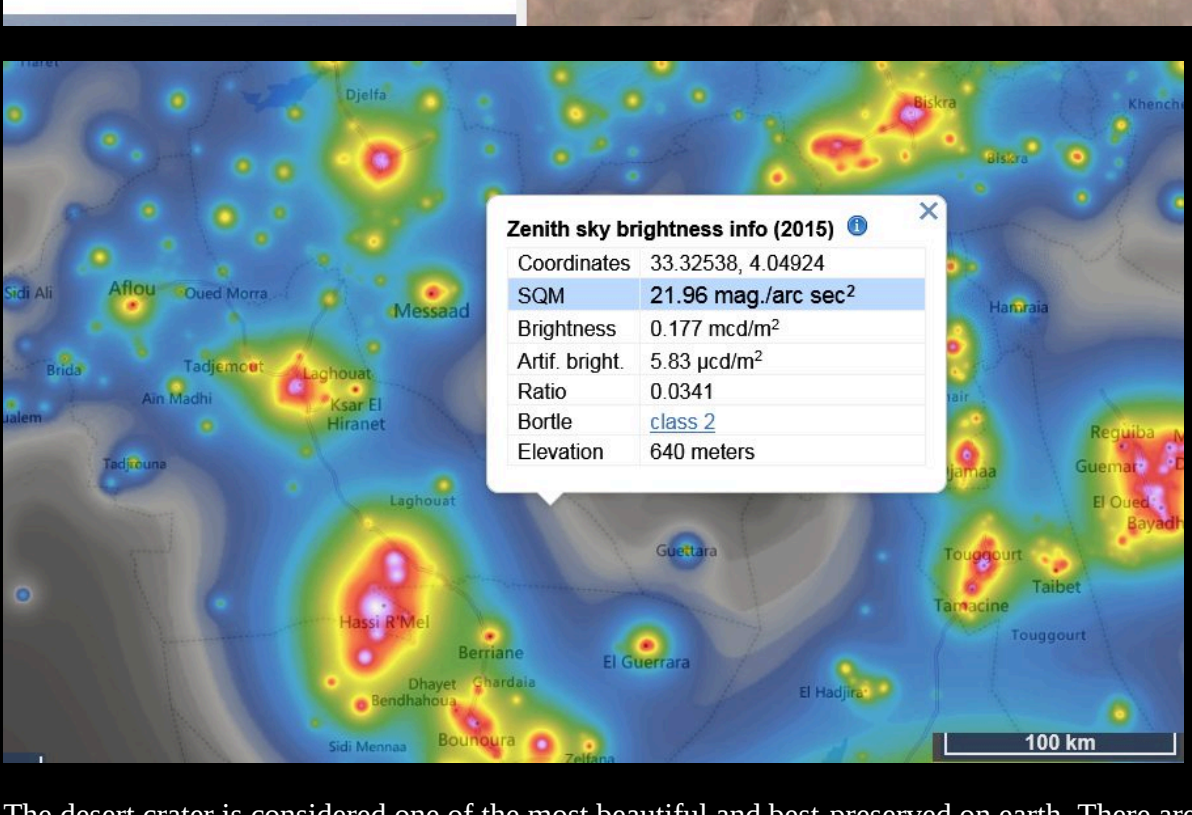
Unter den 13 schönsten Meteoritenkratern der Welt befinden sich vier in der algerischen Wüste.
Die von Talemzane gilt als die schönste in Algerien. Es handelt sich um eine fast kreisförmige Ausgrabung mit einem Durchmesser von 1750 m, deren Ränder auf einer Höhe von 652 m gipfeln und den Boden des Kraters in mehr als 75 m Höhe dominieren. Es wurde 1928 „entdeckt", obwohl es dort schon seit mindestens 3 Milliarden Jahren existiert.

Übersetzt von Google · Original ansehen (Französisch)

Kada Bentata
4 Rezensionen · 2 Fotos
★★★★★ vor 9 Monaten

Der Hassi-Dalaa-Madna-Krater ist eine astronomische Touristenattraktion schlechthin, aber leider gibt es in der Gegend keine Touristen und es gibt ihn fast nicht.

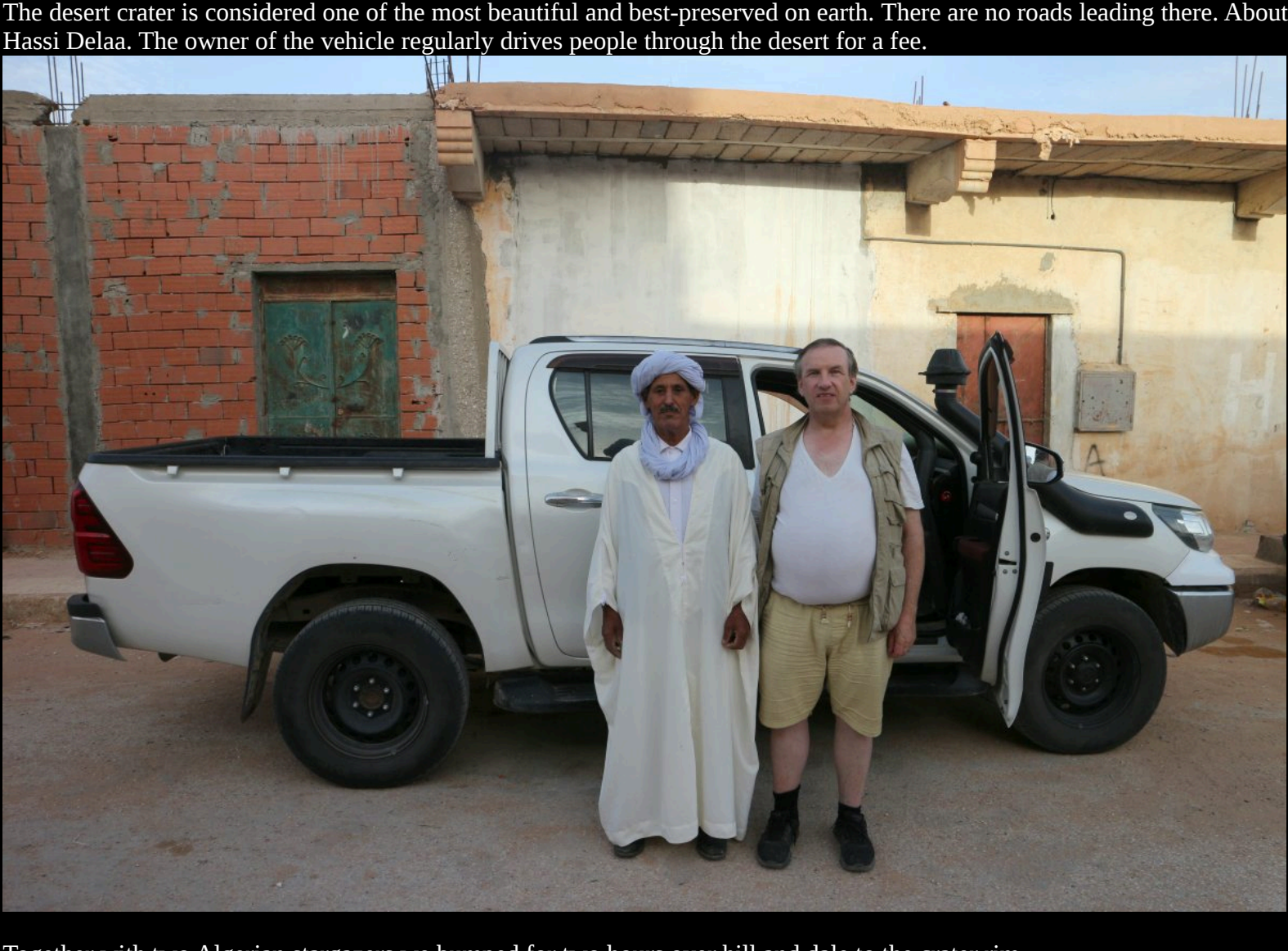
Übersetzt von Google · Original ansehen (Arabisch)



Zenith sky brightness info (2015)

Coordinates	33.32538, 4.04924
SQM	21.96 mag./arc sec^2
Brightness	0.177 mcd/m^2
Artif. bright	5.83 μcd/m^2
Ratio	0.0341
Bortle	class 2
Elevation	640 meters

The desert crater is considered one of the most beautiful and best-preserved on earth. There are no roads leading there. About an hour from Laghouat, we switched to an off-road vehicle in Hassi Delaa. The owner of the vehicle regularly drives people through the desert for a fee.



Together with two Algerian stargazers we bumped for two hours over hill and dale to the crater rim.

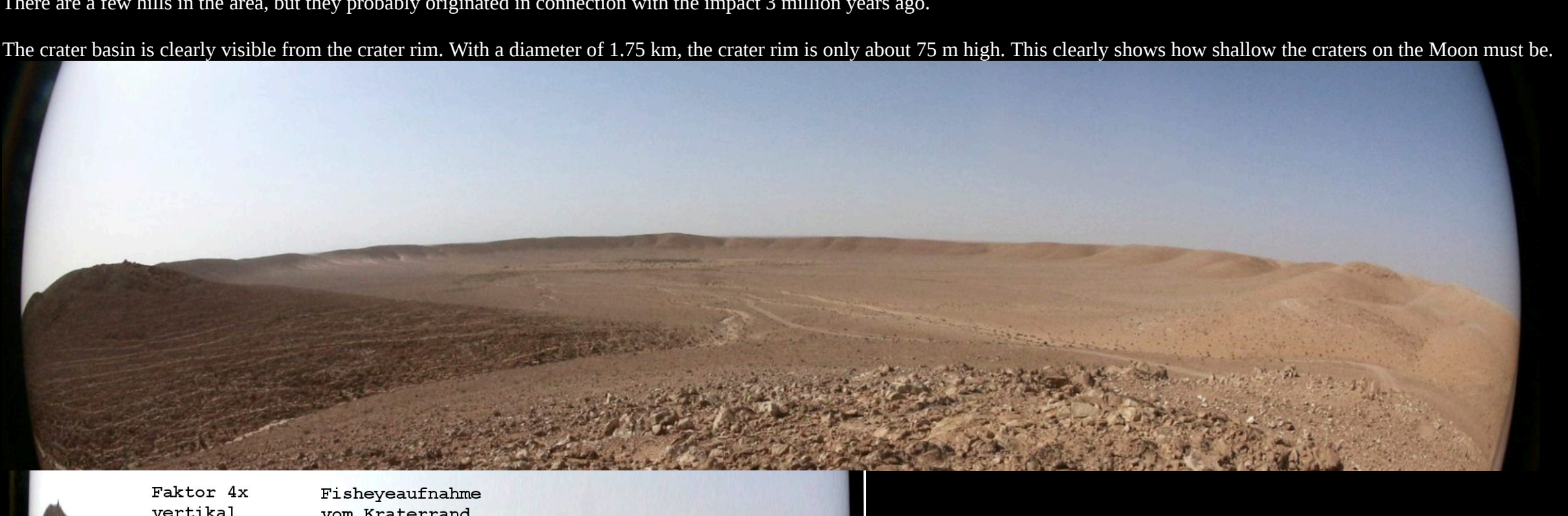
In some places, the green is sufficient for sheep and goats.

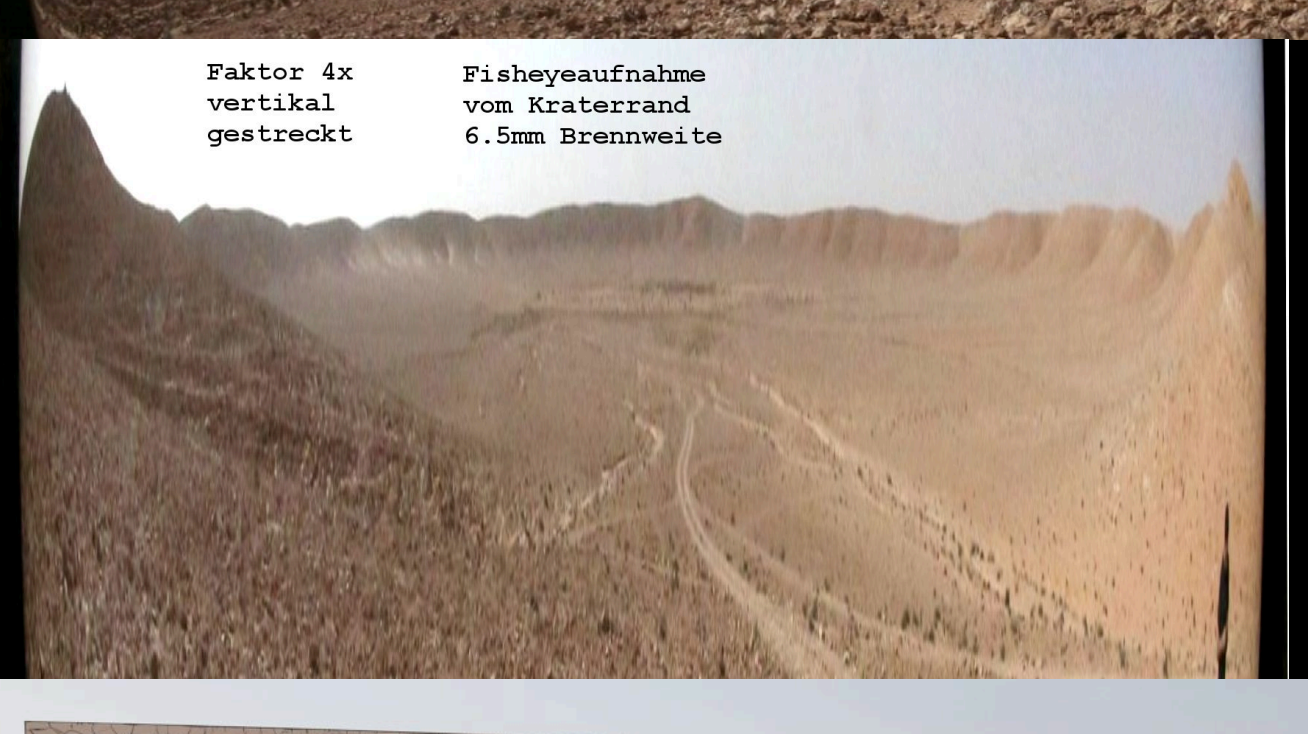
Twice we saw semi-wild dromedaries.
You can get within about 10 meters of the animals, but then they run away. Not all animals have owners. Animals that do have owners are marked with a brand.

The crater lies in a largely flat landscape.

There are a few hills in the area, but they probably originated in connection with the impact 3 million years ago.

The crater basin is clearly visible from the crater rim. With a diameter of 1.75 km, the crater rim is only about 75 m high. This clearly shows how shallow the craters on the Moon must be.

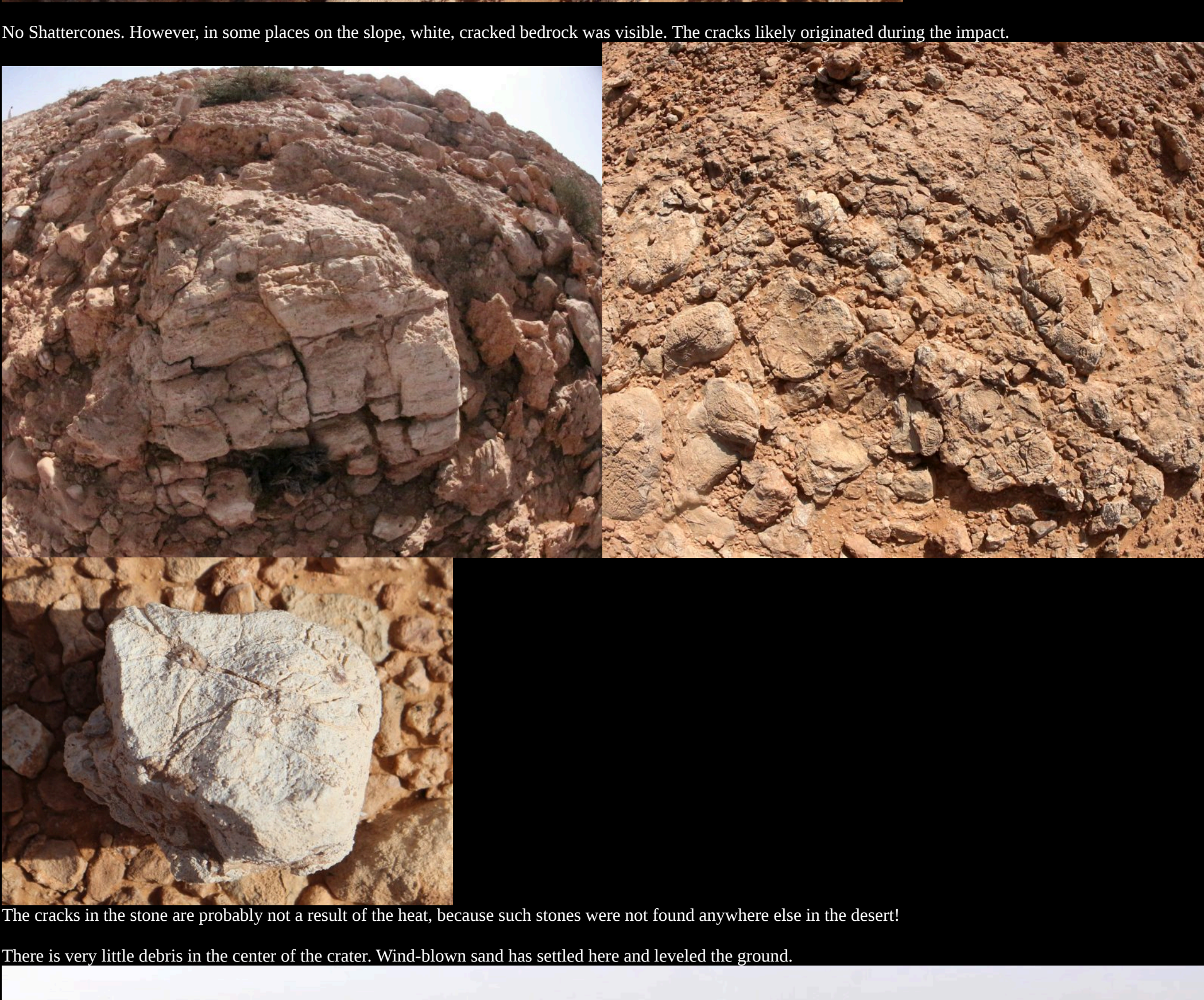




CRATÈRE DE MADNA

The journey to the center of the crater leads over mixed debris. The debris has no connection to the impact. There are no meteorites there.

No Shattercones. However, in some places on the slope, white, cracked bedrock was visible. The cracks likely originated during the impact.

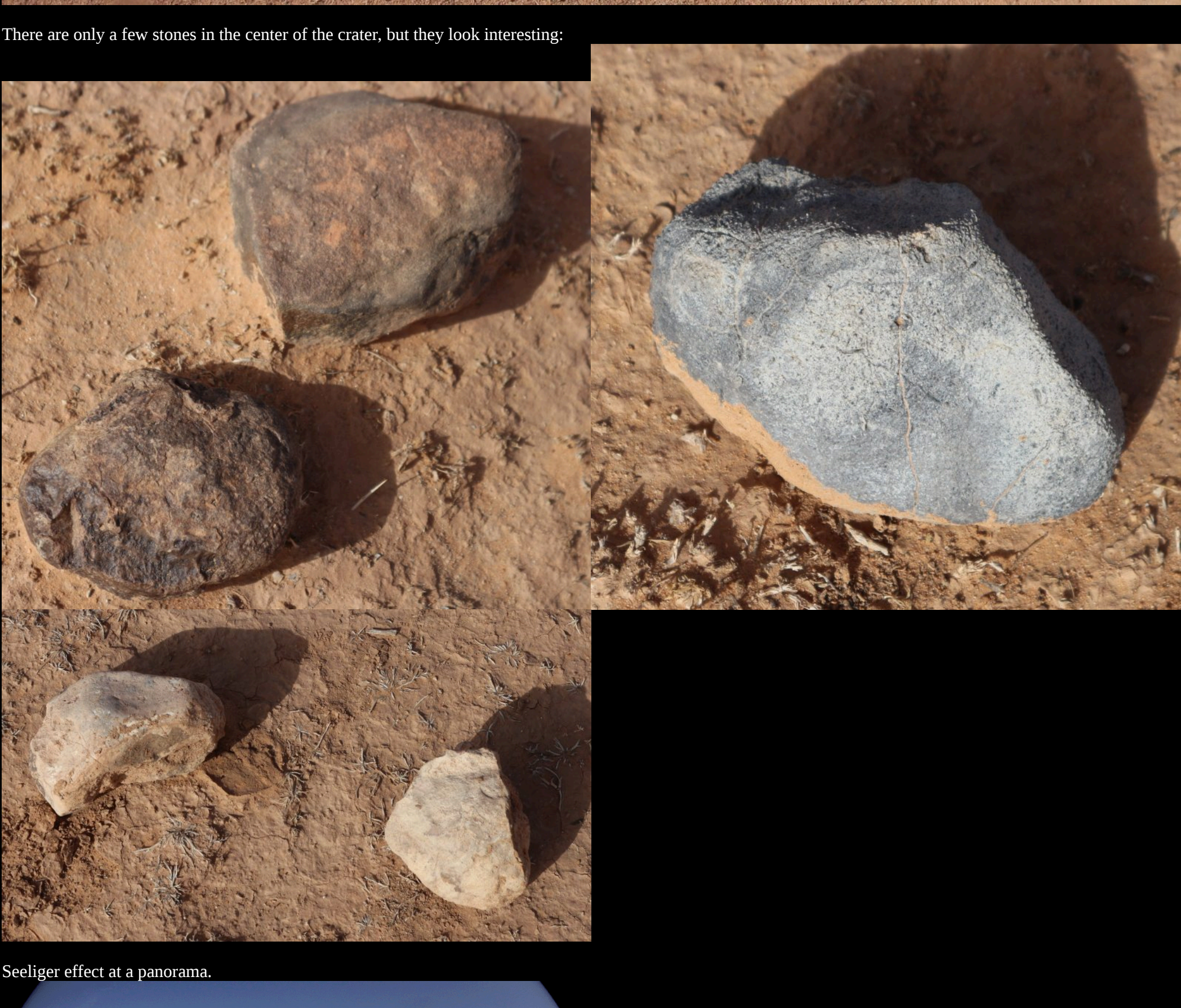


The cracks in the stone are probably not a result of the heat, because such stones were not found anywhere else in the desert!

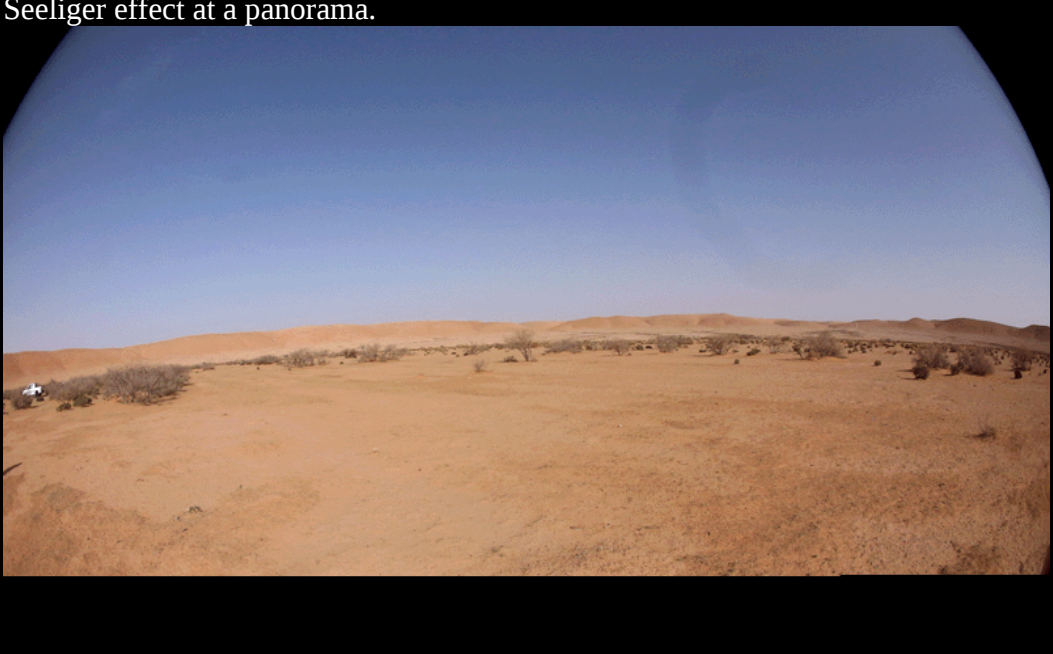
There is very little debris in the center of the crater. Wind-blown sand has settled here and leveled the ground.

Some moisture collects deep in the crater floor, allowing some shrubs to grow on the deposited drifting sand.

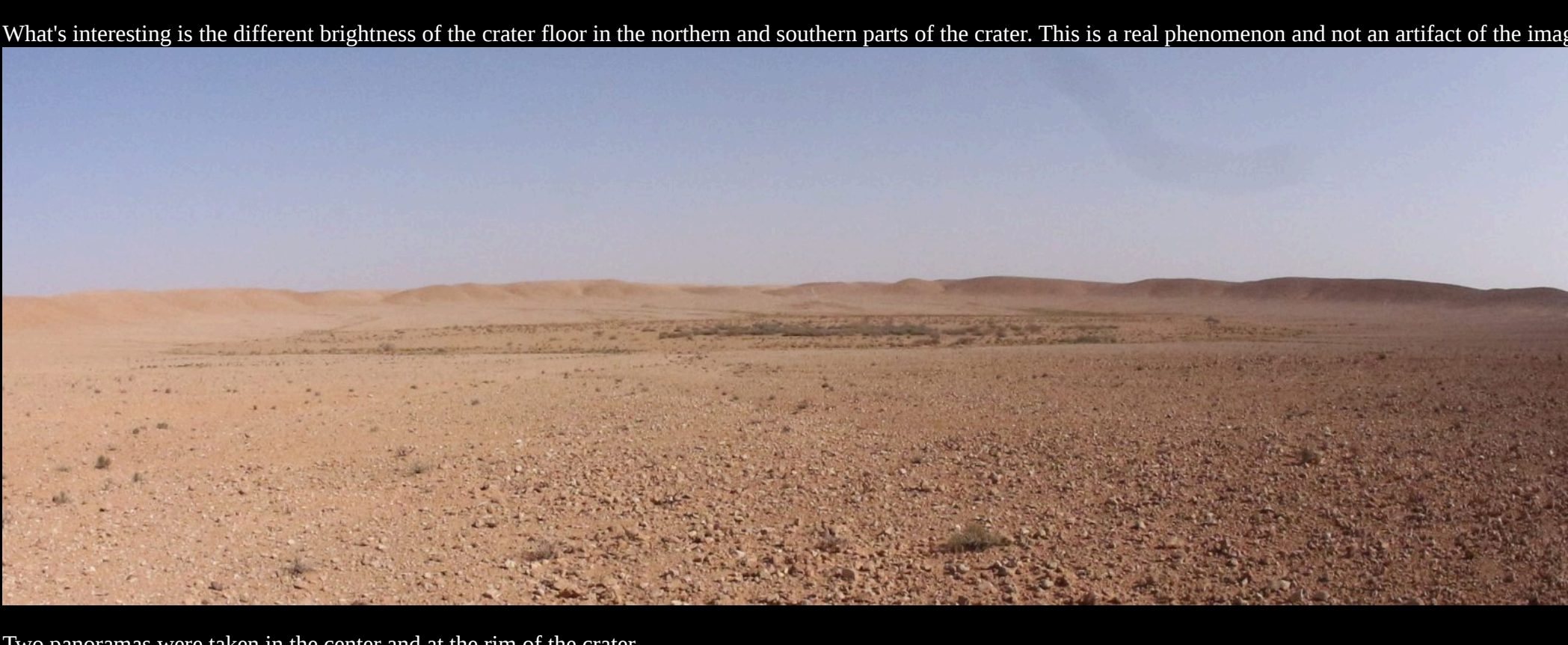
There are only a few stones in the center of the crater, but they look interesting:



Seeliger effect at a panorama.



What's interesting is the different brightness of the crater floor in the northern and southern parts of the crater. This is a real phenomenon and not an artifact of the imaging technology!



Two panoramas were taken in the center and at the rim of the crater.

Panorama Studio Viewer

Panorama Studio Viewer

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weiter

Hauptseite

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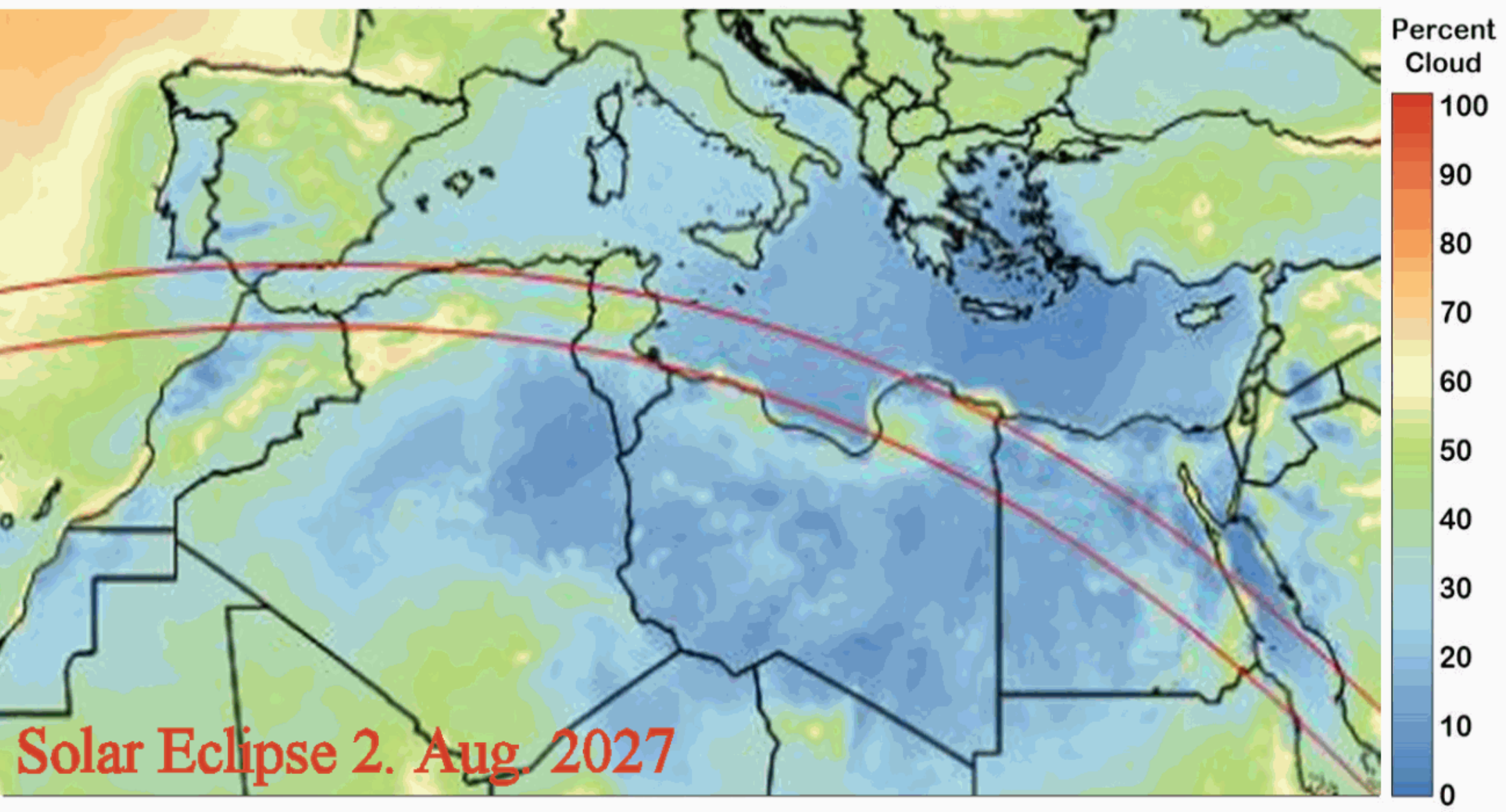
bgaehrken@web.de

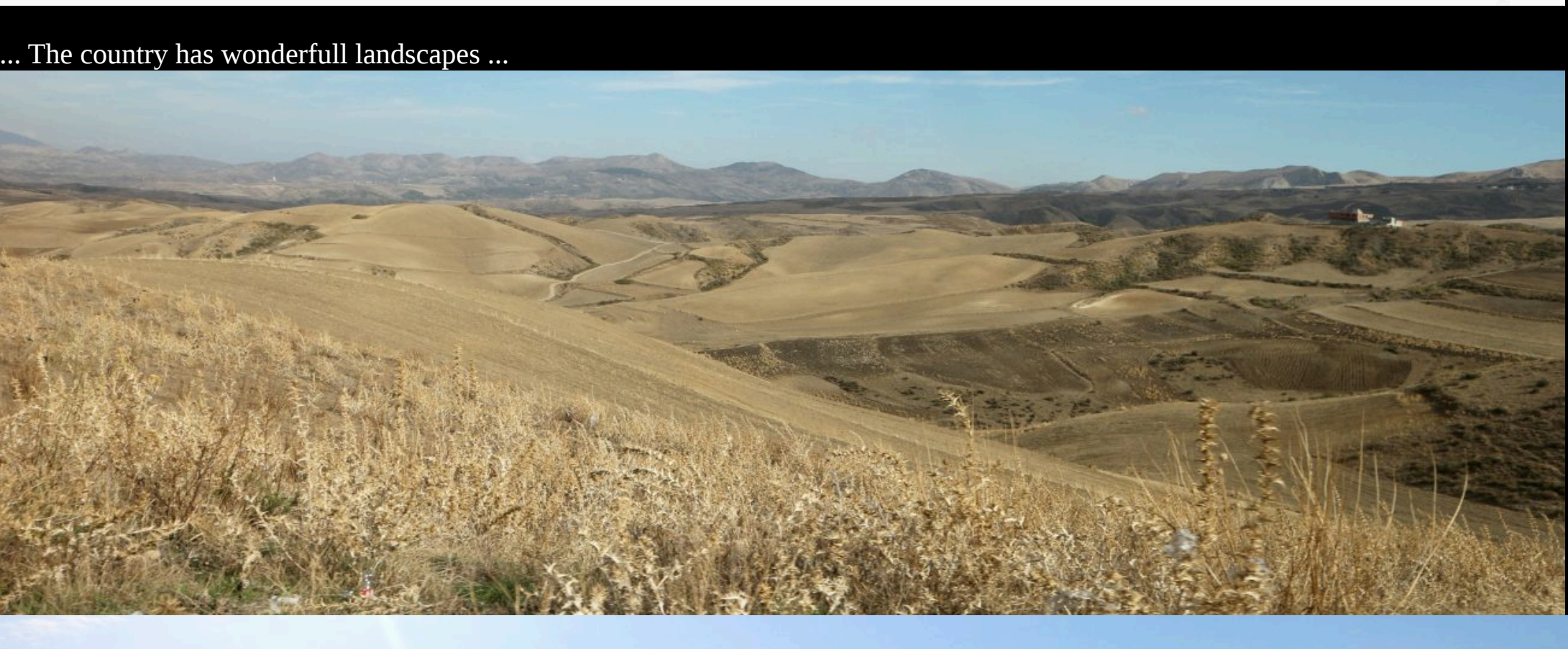
Algeria 2024

zurück

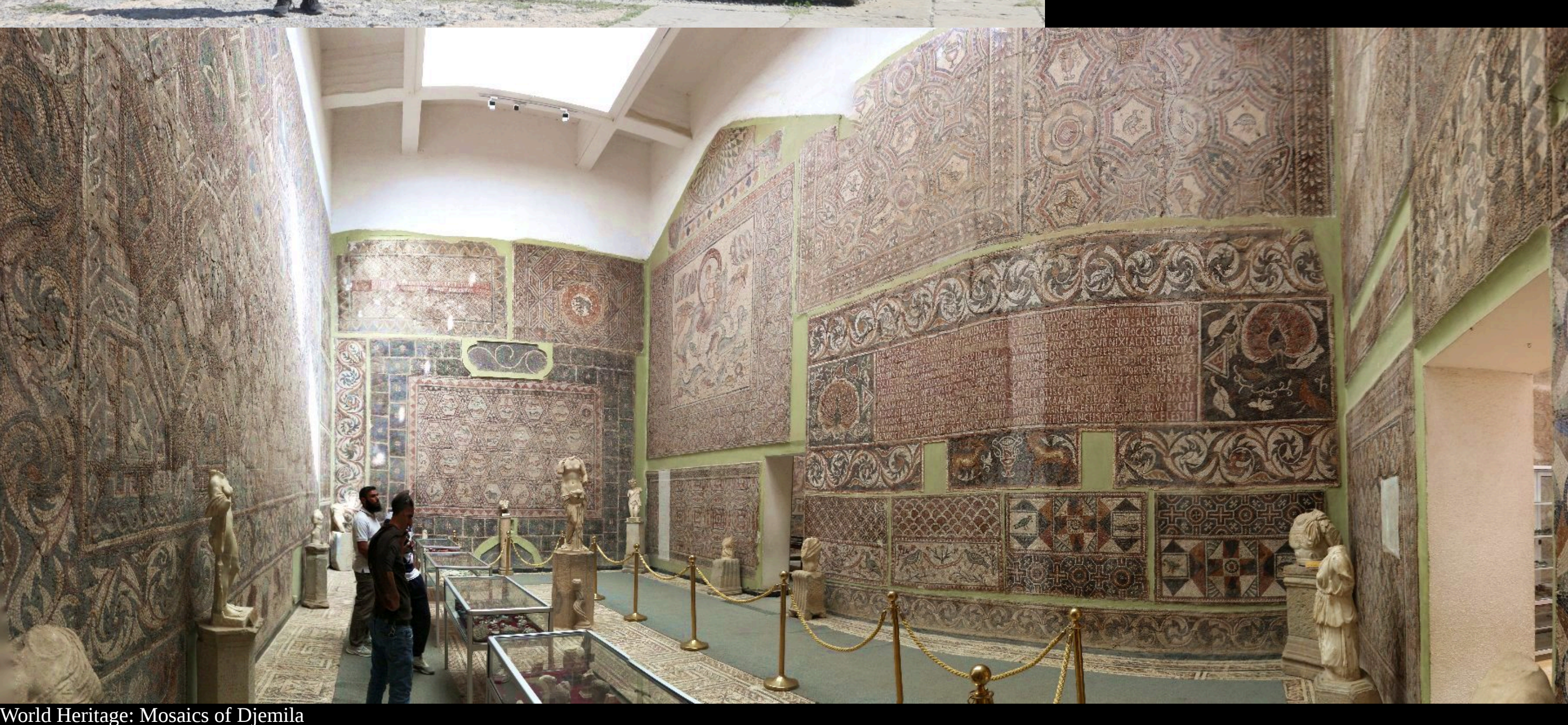
Algeria is an interesting destination for the 2027 solar eclipse.
There are several advantages:


Percent Cloud
100
90
80
70
60
50
40
30
20
10
0
Solar Eclipse 2. Aug. 2027

... The country has wonderfull landscapes ...



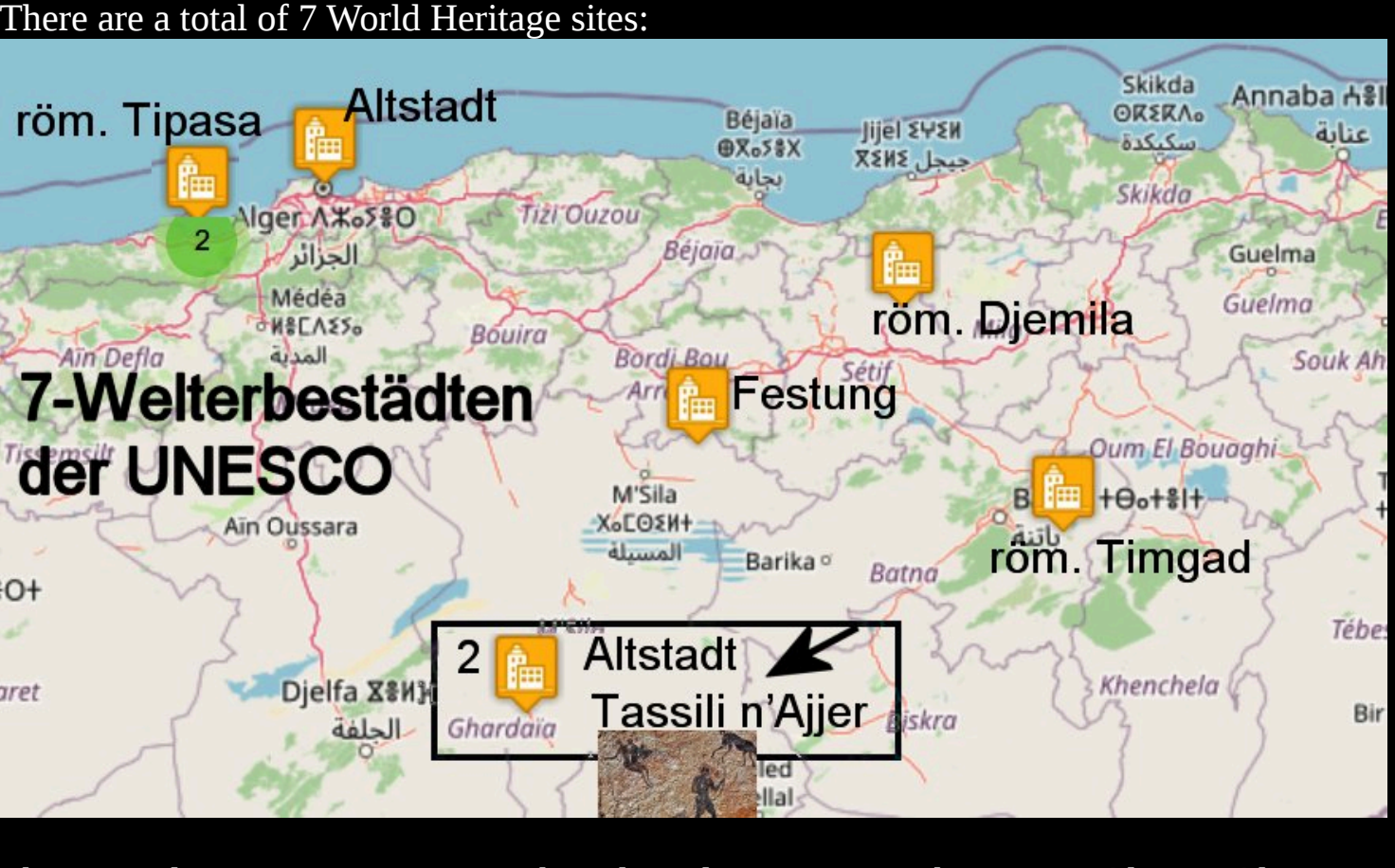
...great roman citys ...



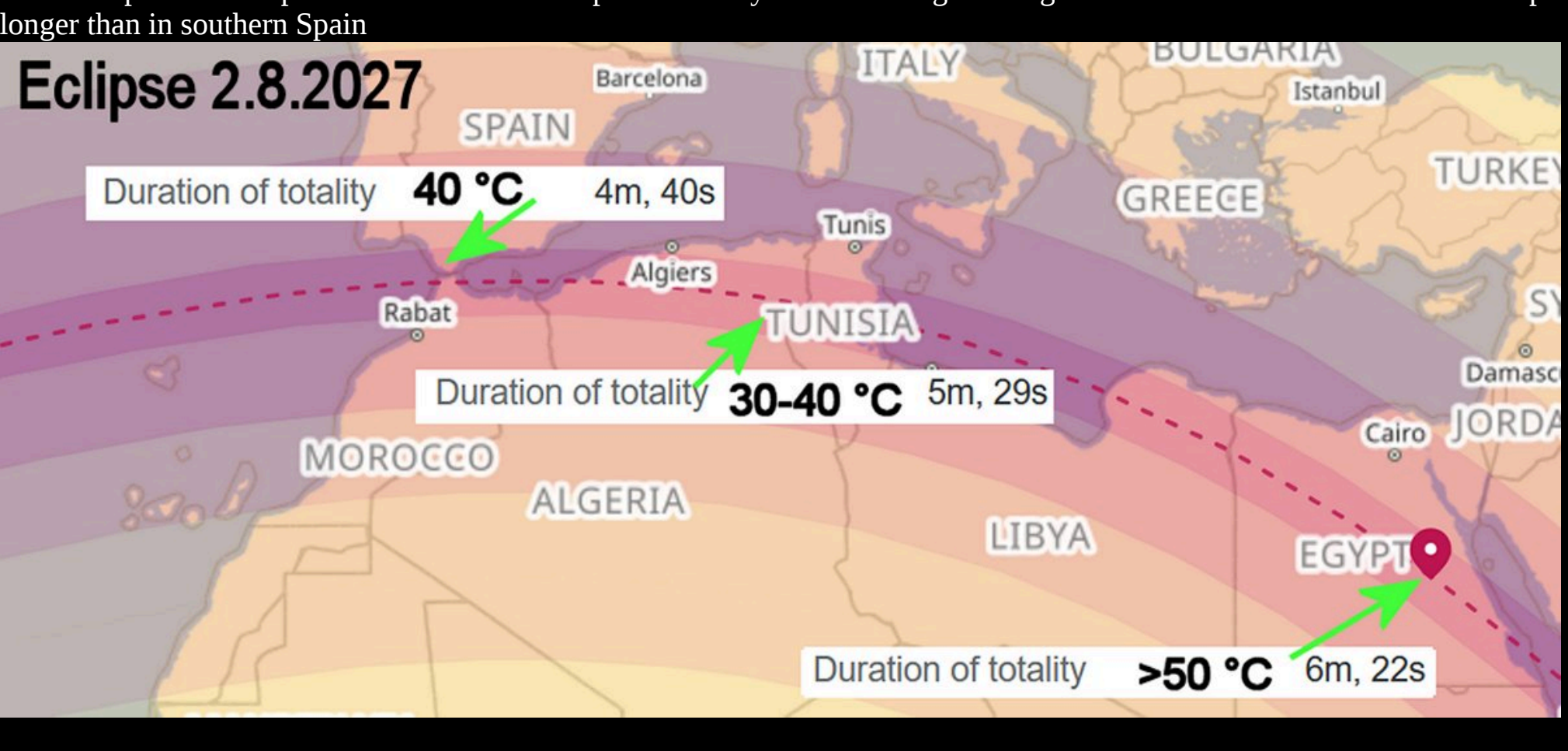
World Heritage: Mosaics of Djemila

It could become cold in the mountains. Djemila 8 weeks after my visit. The photos made by Amine.

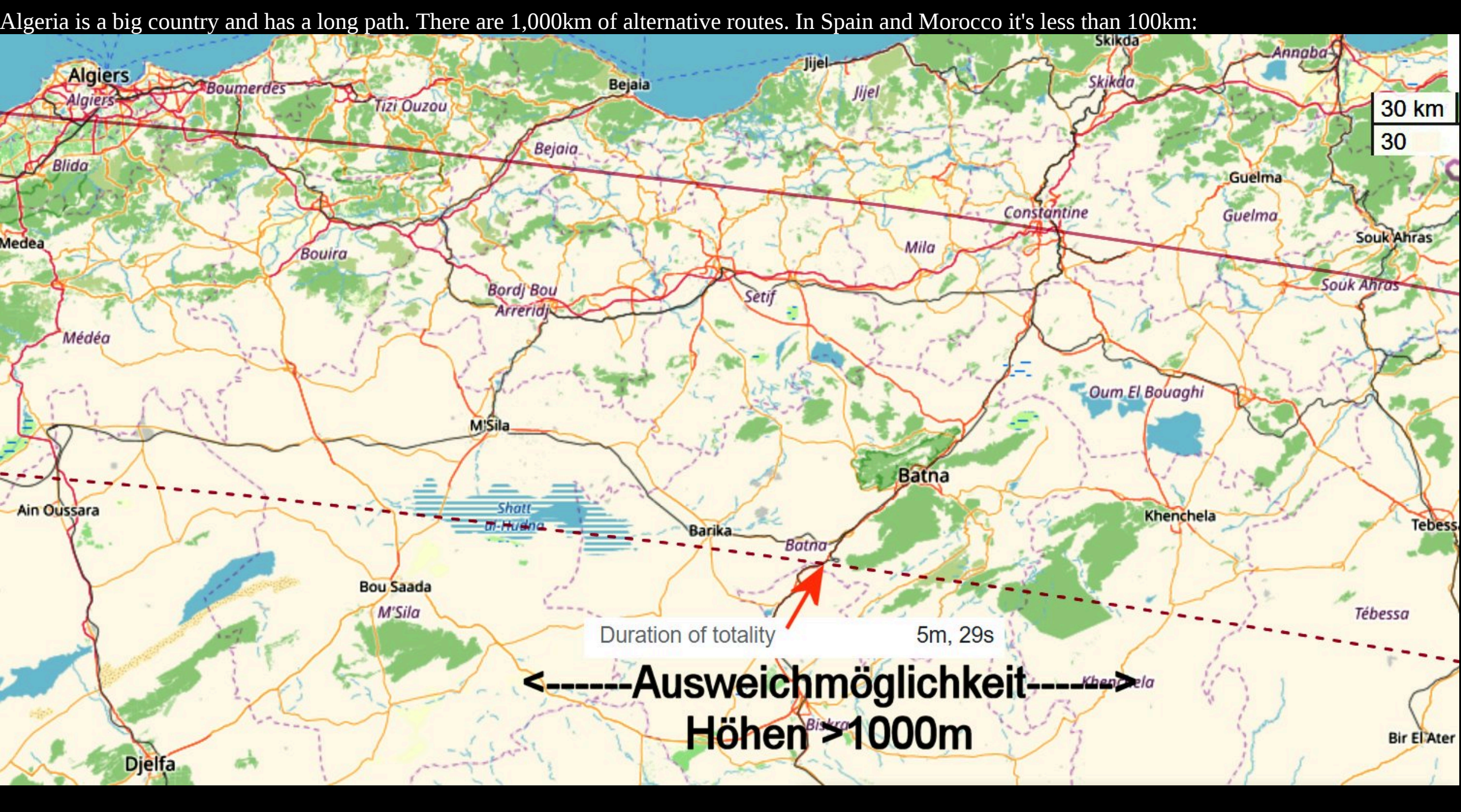
There are a total of 7 World Heritage sites:


röm. Tipasa
Altstadt
7-Welterbestädten der UNESCO
röm. Djemila
Festung
röm. Timgad
2
Altstadt
Tassili n'Ajjer

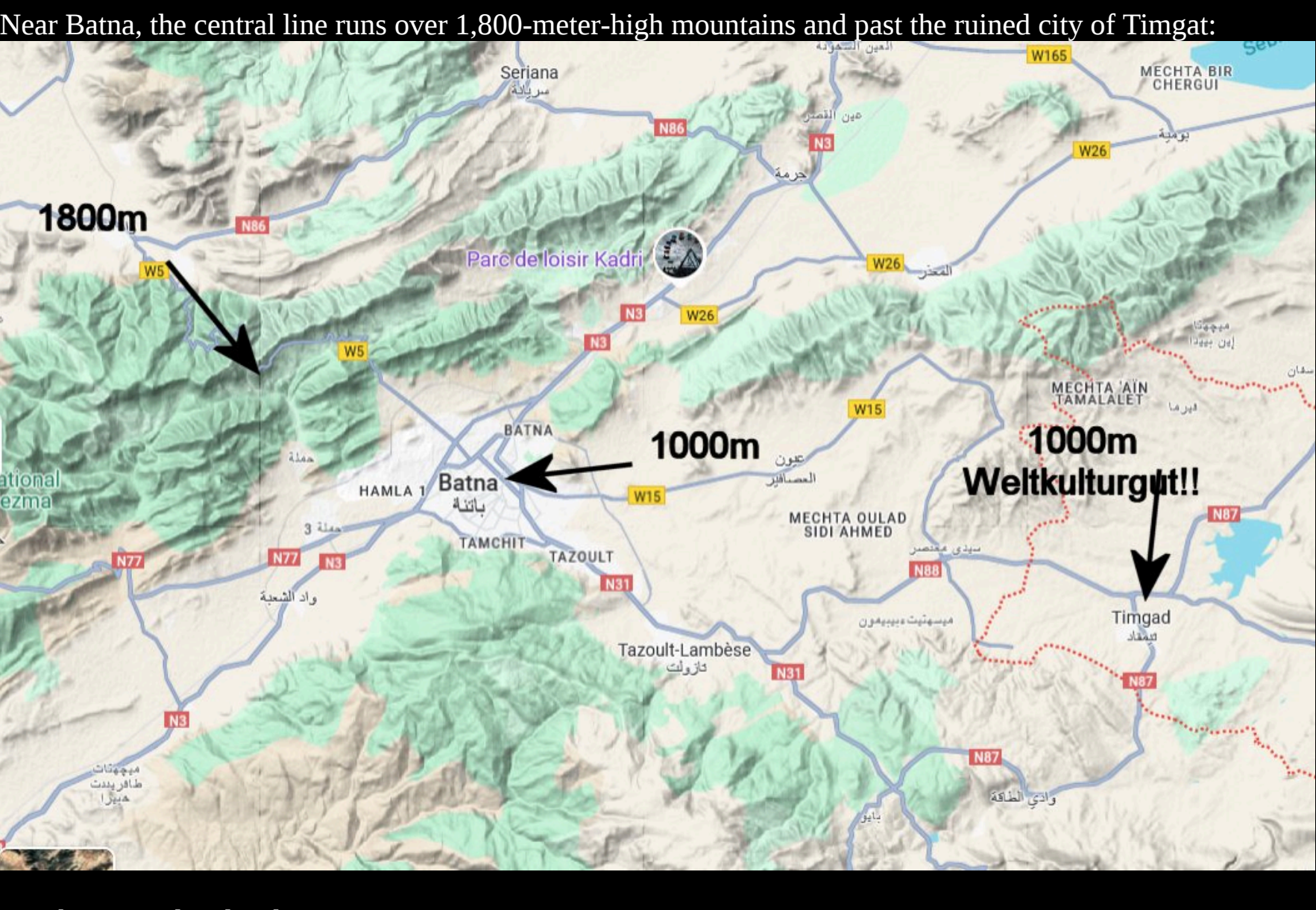
The most pleasant temperatures at the solar eclipse 2027 maybe exist in Algeria. Algiers is on the same latitude as South-Spain and on August 2nd 2027 the eclipse is almost 1 minute longer than in southern Spain


Eclipse 2.8.2027
Duration of totality 40 °C 4m, 40s
Duration of totality 30-40 °C 5m, 29s
Duration of totality >50 °C 6m, 22s
SPAIN
ITALY
GREECE
TURKEY
MOROCCO
ALGERIA
TUNISIA
LIBYA
EGYPT

Algeria is a big country and has a long path. There are 1,000km of alternative routes. In Spain and Morocco it's less than 100km:

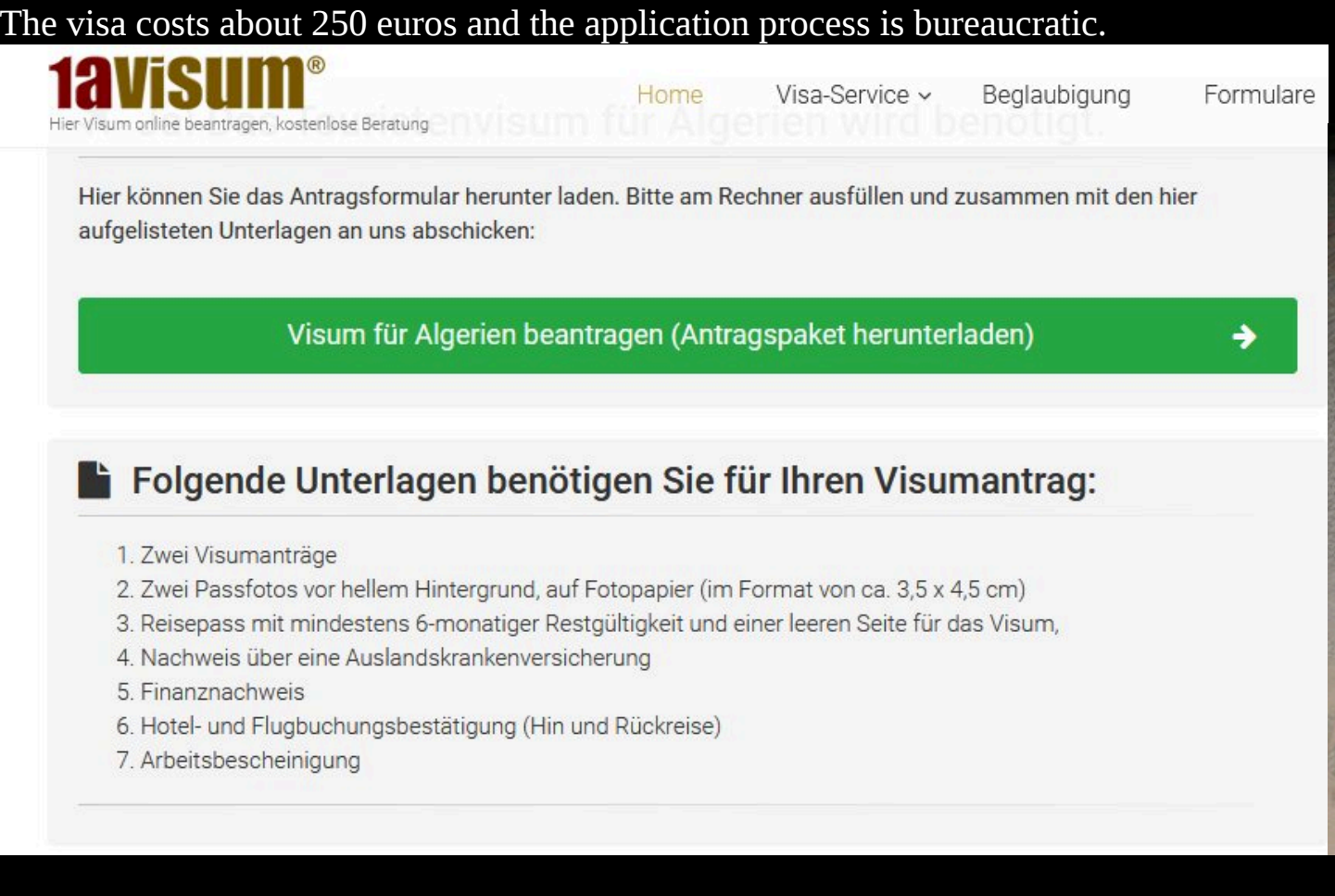

Duration of totality
5m, 29s
<------Ausweichmöglichkeit----->
Höhen >1000m
30 km

Near Batna, the central line runs over 1,800-meter-high mountains and past the ruined city of Timgat:


1800m
1000m
1000m
Weltkulturgut!!
Batna
Timgad

But there are also disadvantages:

The visa costs about 250 euros and the application process is bureaucratic.



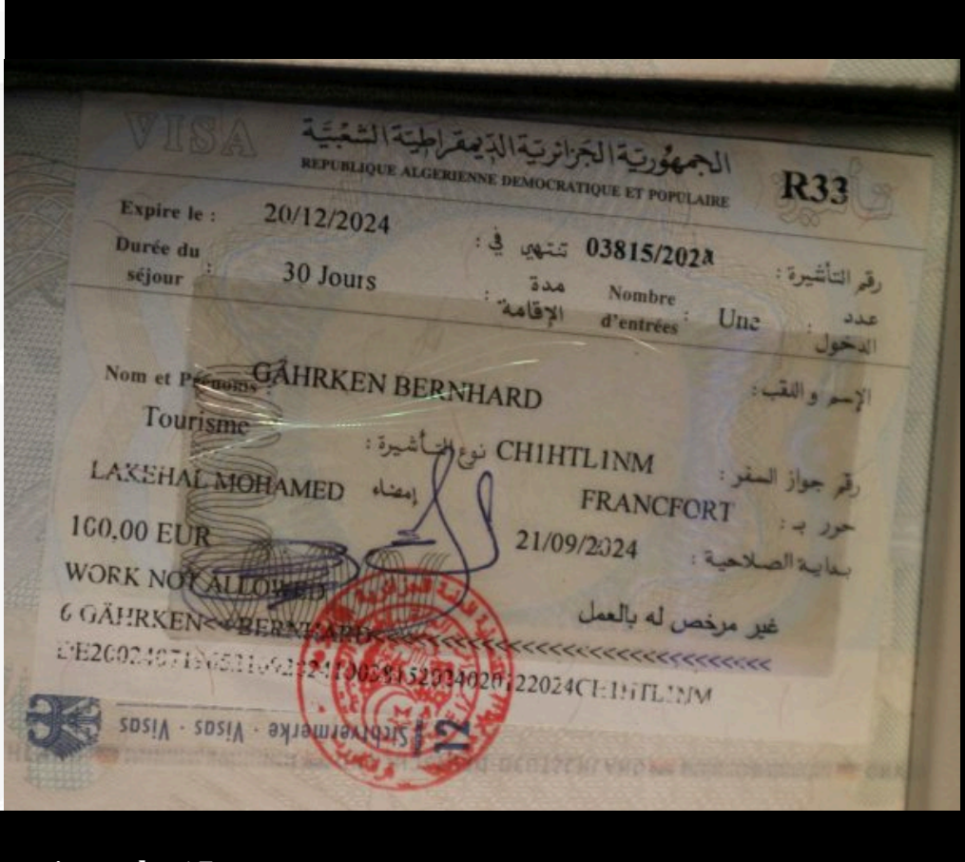
Hier können Sie das Antragsformular herunter laden. Bitte am Rechner ausfüllen und zusammen mit den hier aufgelisteten Unterlagen an uns abschicken:

Visum für Algerien beantragen (Antragspaket herunterladen)

Folgende Unterlagen benötigen Sie für Ihren Visumantrag:

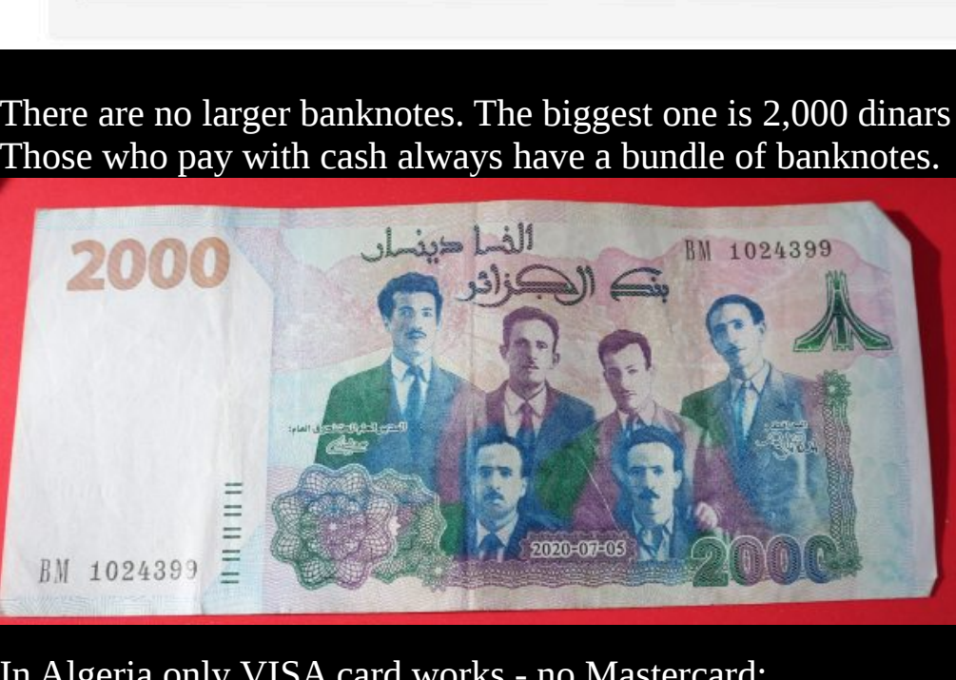
1. Zwei Visumanträge
2. Zwei Passfotos vor hellem Hintergrund, auf Fotopapier (im Format von ca. 3,5 x 4,5 cm)
3. Reisepass mit mindestens 6-monatiger Restgültigkeit und zwei leeren Seiten für das Visum,
4. Nachweis über eine Auslandskrankenversicherung
5. Finanznachweis
6. Hotel- und Flugbuchungsbestätigung (Hin und Rückreise)
7. Arbeitsbescheinigung

1avisum
Home
Visa-Service
Beglaubigung
Formulare



REPUBLIQUE ALGERIENNE DEMOCRATIQUE ET POPULAIRE
R33
Expire le : 20/12/2024
N° 03815/2024
Durée du séjour : 30 Jours
Nombre d'entrées : Une
Nom et Prénoms : GÄHRKEN BERNHARD
Tourisme
CHIHTLINM
LAKEHAL MOHAMED
FRANCFORT
100,00 EUR
21/09/2024
WORK NOT ALLOWED

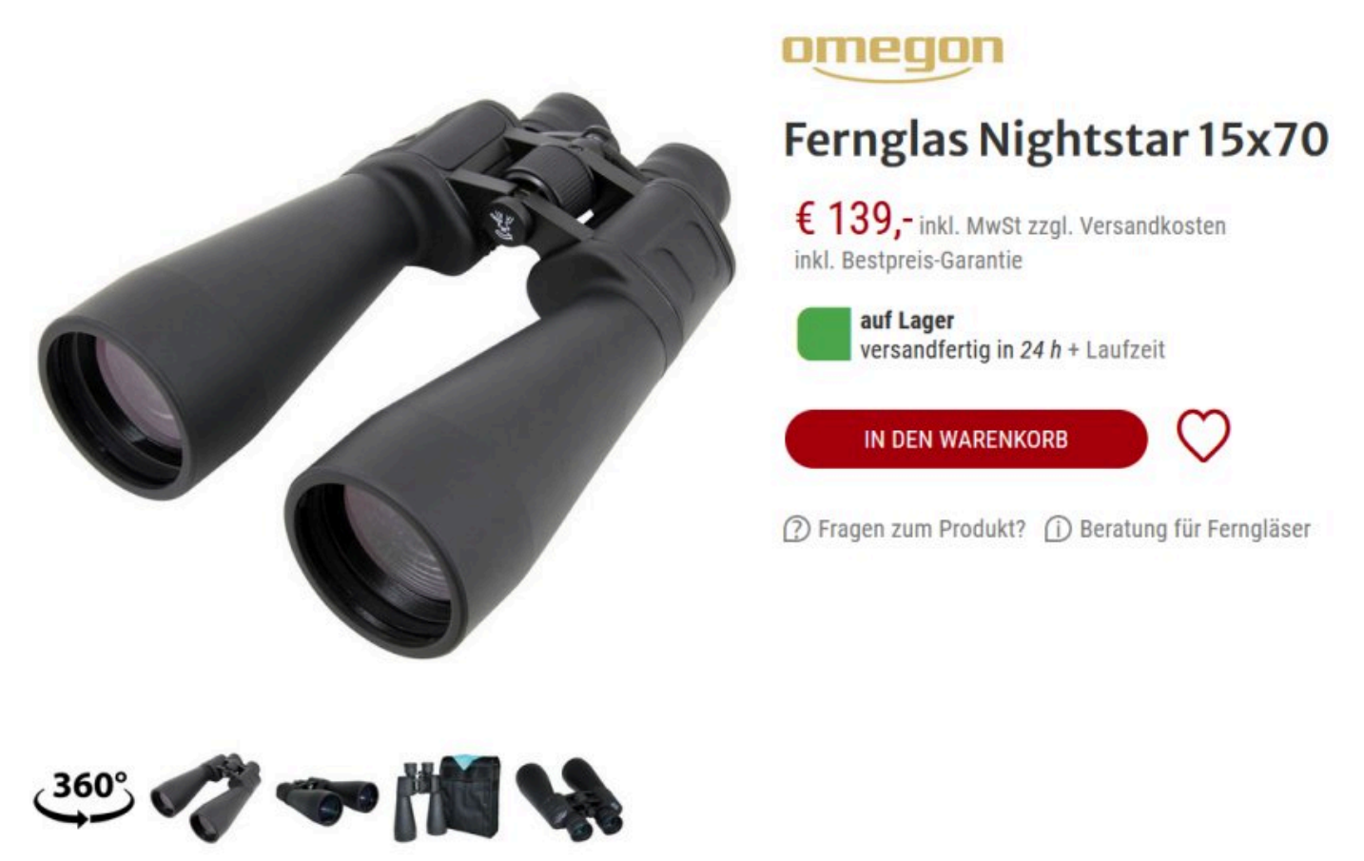
There are no larger banknotes. The biggest one is 2,000 dinars which is equivalent to approximately 15 euro.
Those who pay with cash always have a bundle of banknotes.



In Algeria only VISA card works - no Mastercard:

You are not allowed to take stones as souvenirs:

The import of binoculars and telescopes is prohibited! (This also applies to all other North African countries! Including Morocco and Egypt!).
Photographic lenses are not a problem.



omegon

Fernglas Nightstar 15x70

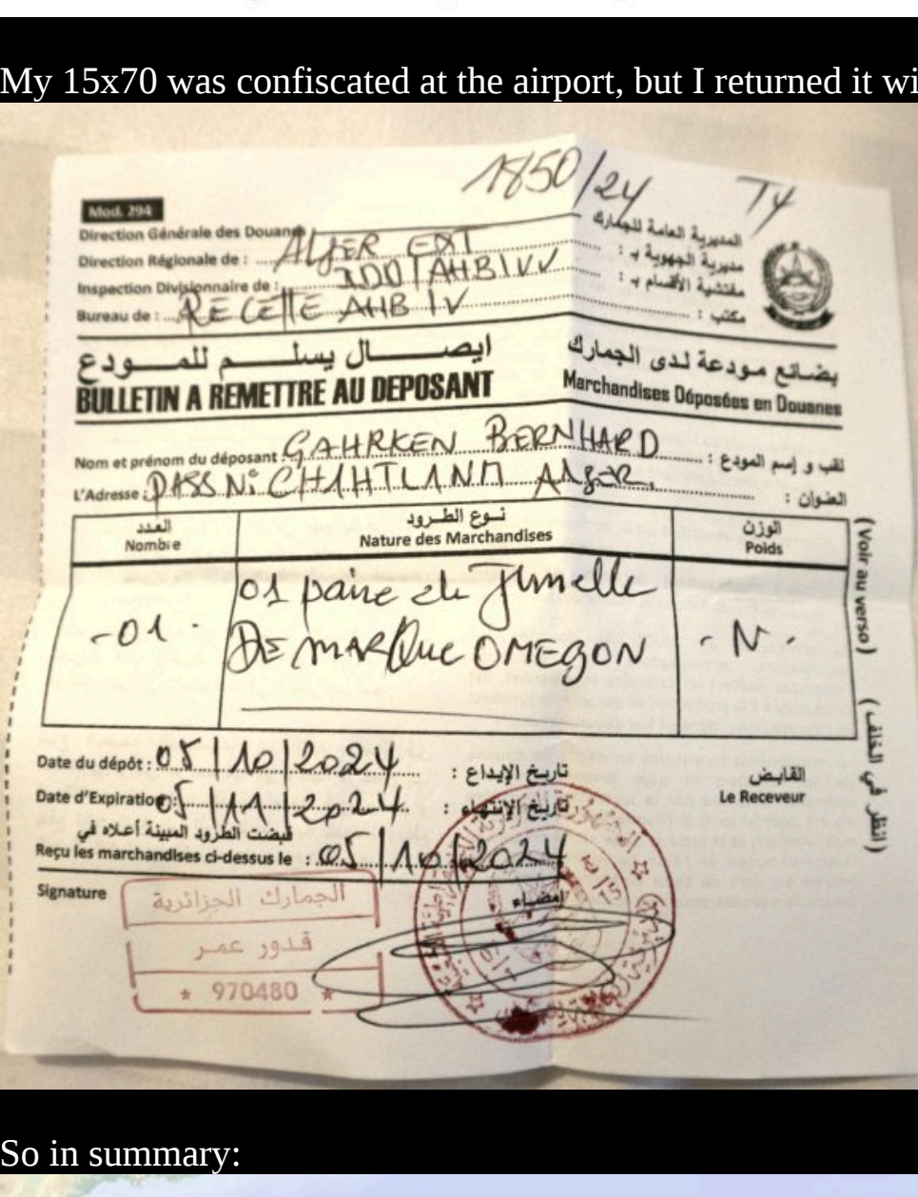
€ 139,- inkl. MwSt zzgl. Versandkosten
inkl. Bestpreis-Garantie

auf Lager
versandfertig in 24 h • Laufzeit

IN DEN WARENKORB

Fragen zum Produkt? Beratung für Ferngläser

My 15x70 was confiscated at the airport, but I returned it with a receipt on my return flight:

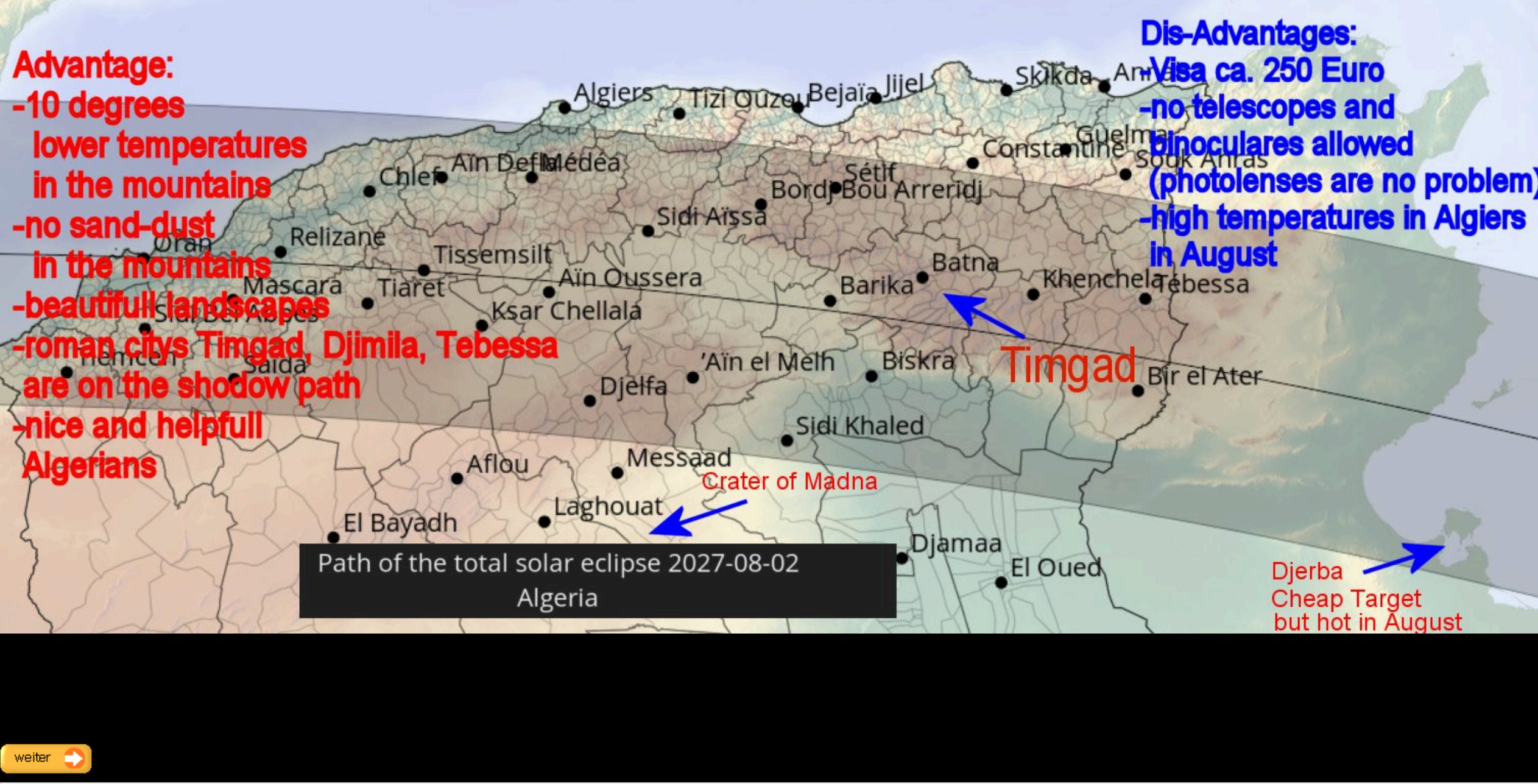


1850/24 T4
Mod. 294
Direction Générale des Douanes
Direction Régionale de : ALGER EXT
Inspection Divisionnaire de : DOUTAHBIUV
Bureau de : RECETTE AHB IV
BULLETIN A REMETTRE AU DEPOSANT
Marchandises Déposées en Douanes
Nom et prénom du déposant : GAHRKEN BERNHARD
L'Adresse : DASS N° CHAHTLANM Alger

Nombre	Nature des Marchandises	Poids
-01-	01 paire de Jumelle DE MARQUE OMEGON	-N-

Date du dépôt : 05/10/2024
Date d'Expiration : 05/11/2024
Reçu les marchandises ci-dessus le : 05/10/2024
Signature
970480

So in summary:


Advantage:
-10 degrees lower temperatures in the mountains
-no sand-dust in the mountains
-beautifull landscapes
-roman citys Timgad, Djimila, Tebessa are on the shodow path
-nice and helpfull Algerians
Dis-Advantages:
-Visa ca. 250 Euro
-no telescopes and binoculares allowed (photolenses are no problem)
-high temperatures in Algiers in August
Timgad
Crater of Madna
Djerba
Cheap Target
but hot in August
Path of the total solar eclipse 2027-08-02
Algeria

weiter

Hauptseite

Algeria and the crater of Madna

zurück

Additional Information:

https://astrode.de/esop2025a.htm

https://astrode.de/reisen/reisen24d/10alg8j24.htm

zurück